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## TABLE OF CONTENTS

### THE COLLEGE

Faculty

Classes

### ATHLETICS

Football

Basketball

Track

Other Sports

### ORGANIZATIONS

Honorary and Professional

Social Fraternities

St. Pat's

Compiled and Edited  
by

O. K. HOLMAN  
Editor-in-chief

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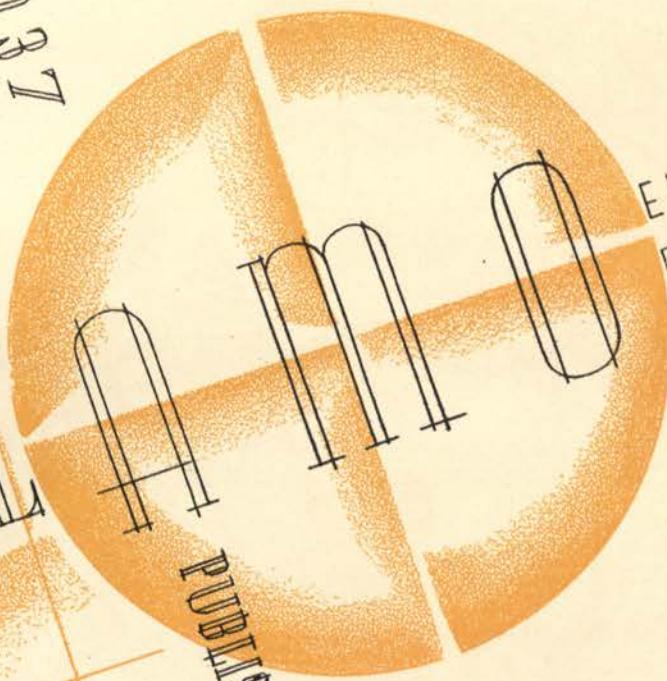
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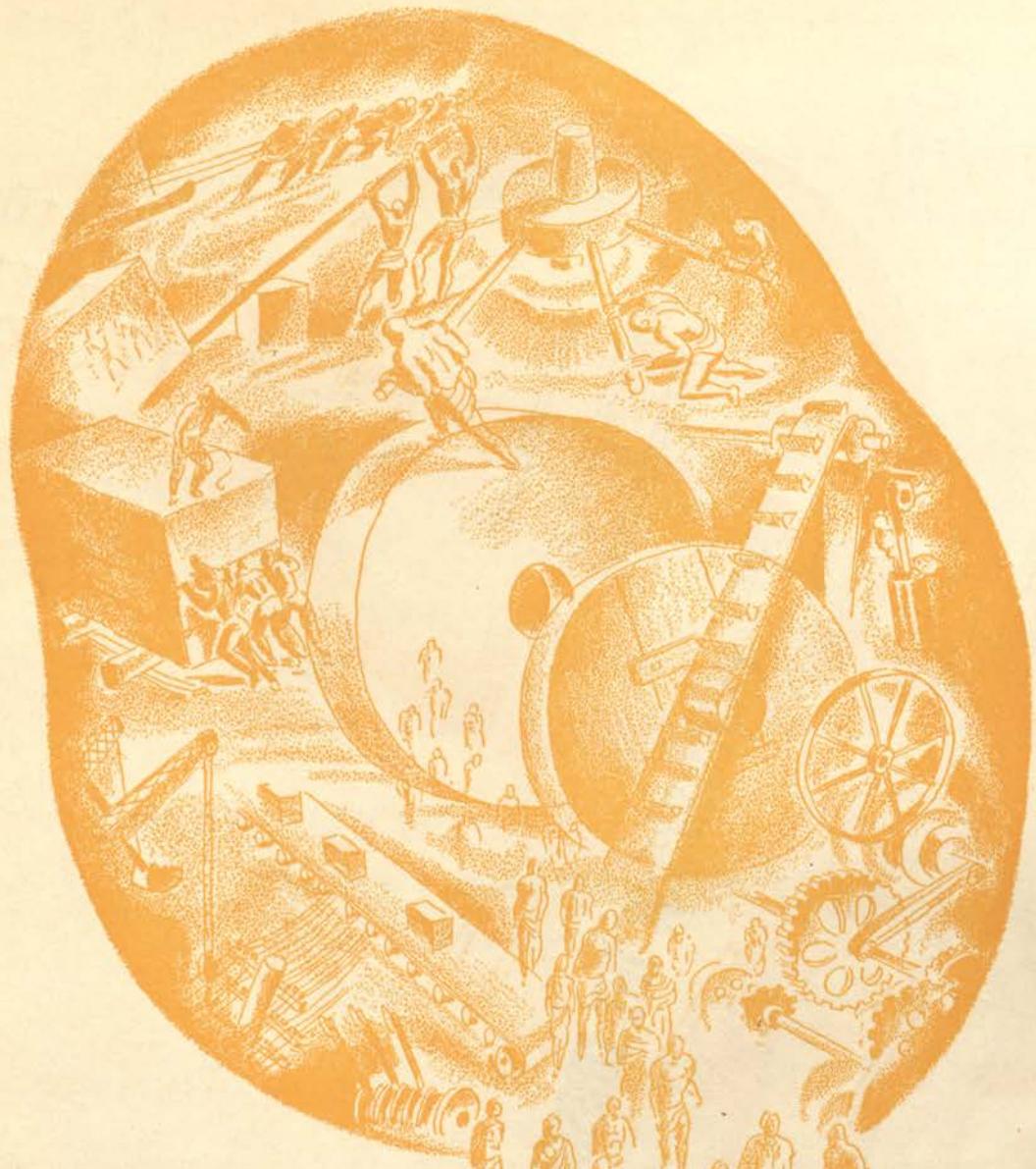
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PUBLISHED BY THE MISSOURI SCHOOL OF MINES & METALLURGY

ENGINEERING  
DEVELOPMENT  
*Edition*

5-25-37 MIS M 9.50cts



C A T I O N

To those whose efforts  
have furthered engineering  
development, we dedicate  
this book.



## EDITORIAL COMMENT

The seven ancient wonders of the world as viewed through the engineer's eye make way for those greater marvels of the modern globe, and yet in passing, we drop a bow to those ancients whose engineering principles are part of today's engineering achievement - and, too, we acknowledge the value of the effort expended by those many unknown engineers who each year have given us innumerable machines to facilitate our work.



THE 1937 ROLLAMO



Campus

ENGINEERING DEVELOPMENT



Norwood Hall

THE 1937 ROLLAMO



Metallurgy Building

ENGINEERING DEVELOPMENT



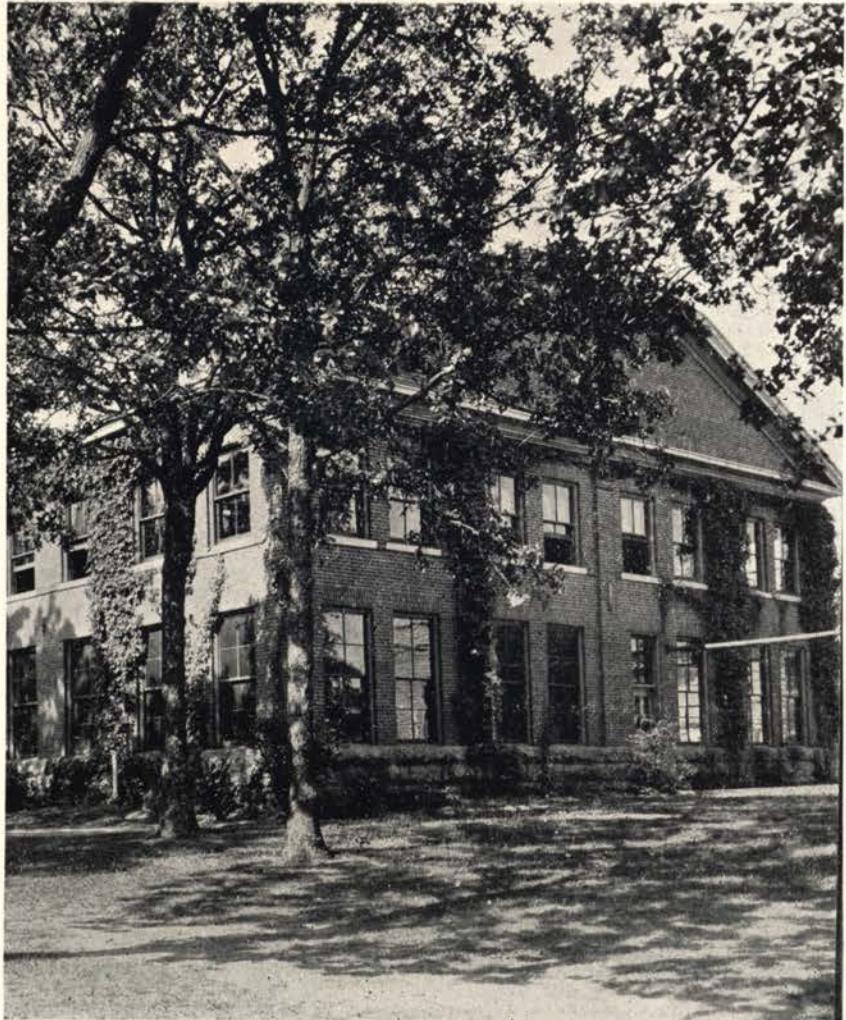
Fountain

THE 1937 ROLLAMO



Campus

ENGINEERING DEVELOPMENT



Mechanical Hall



THE 1937 ROLLAMO

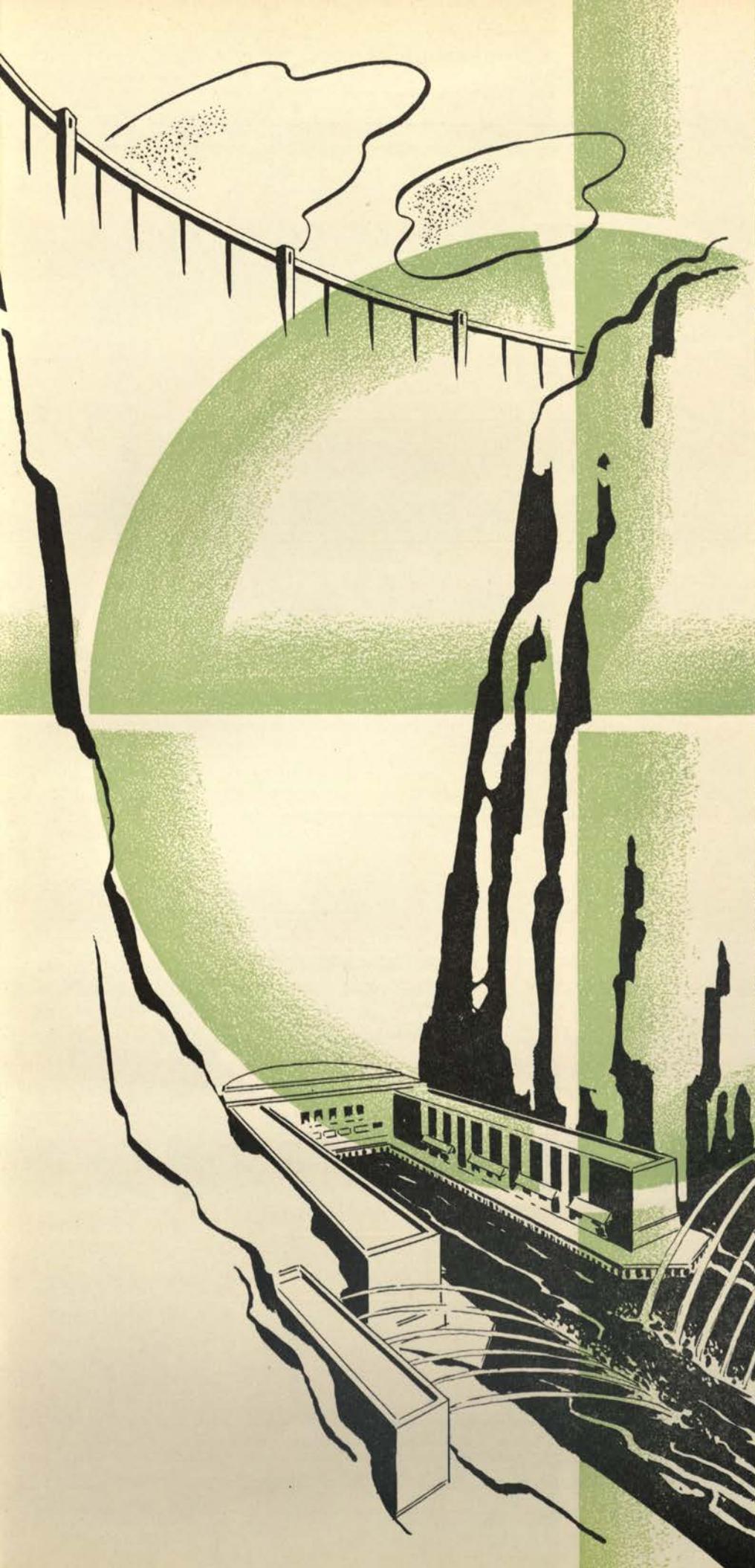


Mining Building

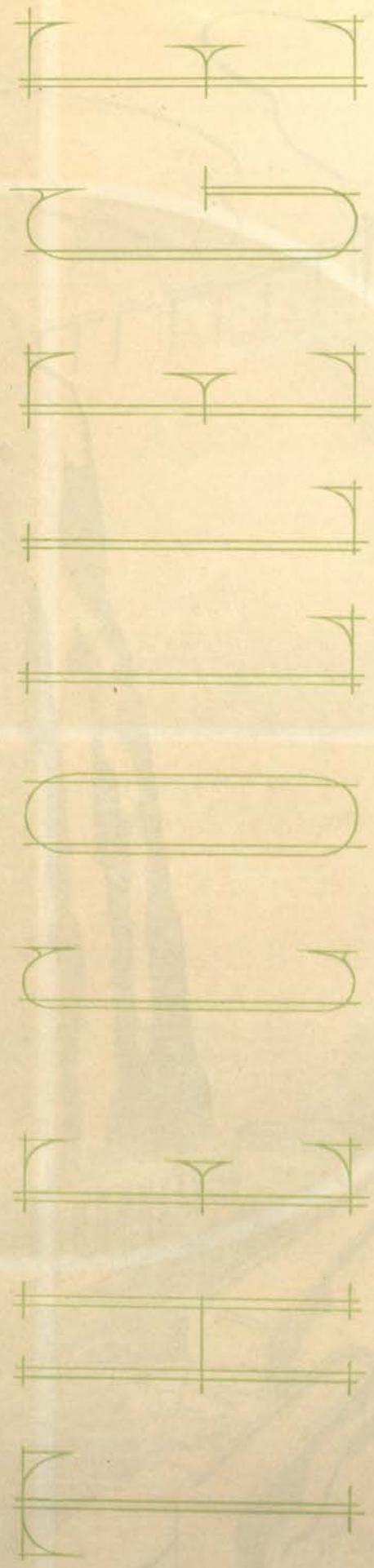
ENGINEERING DEVELOPMENT

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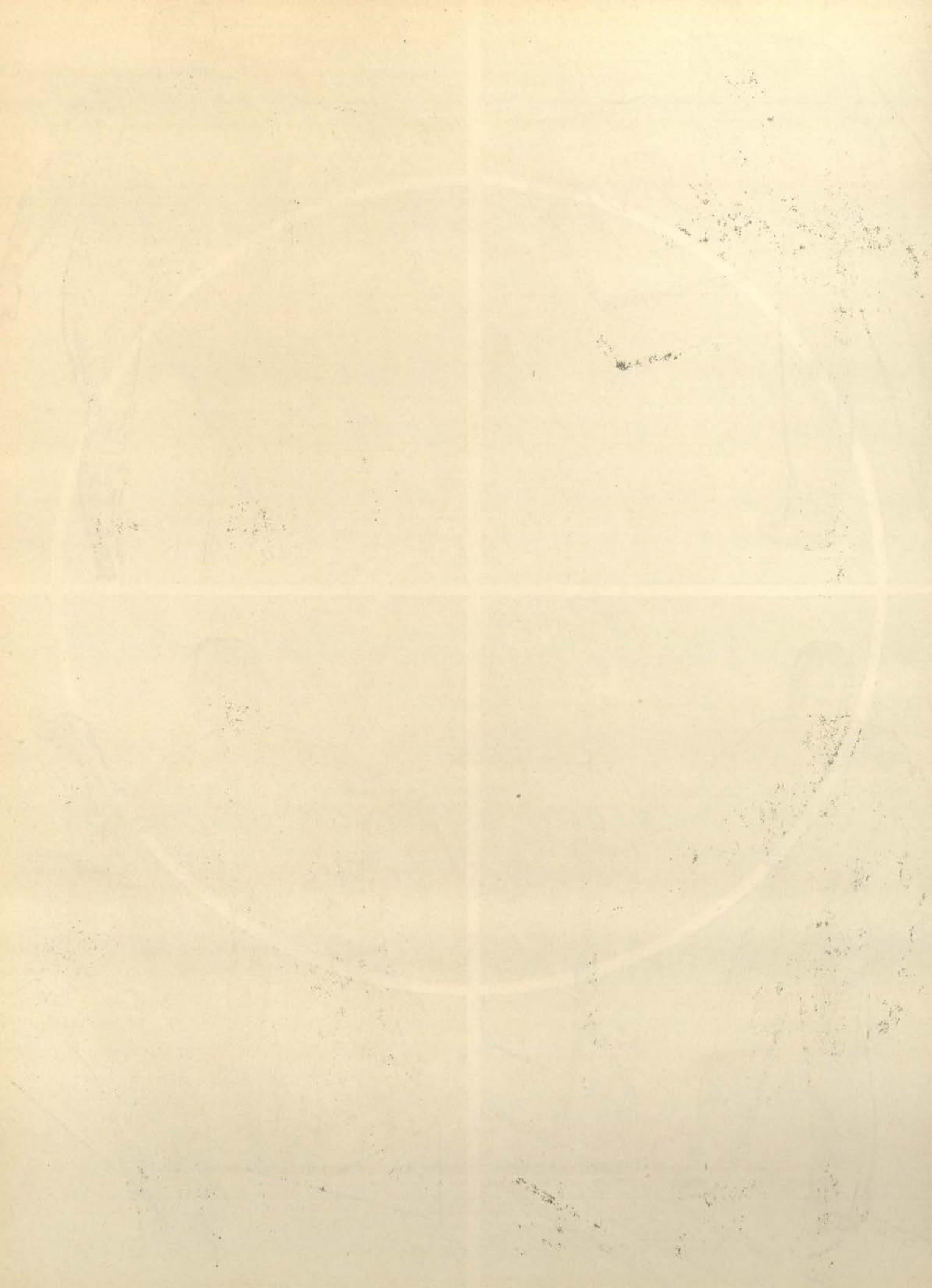




ENGINEER









THE 1937 ROLLAMO

# Faculty

ENGINEERING  
DEVELOPMENT

## ENGINEERING DEVELOPMENT



CHAS. H. FULTON

*Director*

EM. D. Sc.

Theta Delta Chi, Sigma Xi, Tau Beta Pi,  
Phi Kappa Phi, Theta Tau.

Within recent years the opinion of the public concerning the engineering profession and the engineer has risen in esteem and the profession has a national organization to enhance the professional status of its members. One of the objects is to widen the viewpoint and interests of the engineer. I suggest that the student might begin this broadening by taking full advantage of the facilities of the School of Mines in its libraries, faculty and contacts, aside from formal courses, from the very beginning as a freshman to the time he steps out to become a member of the profession.



T H E . 1 9 3 7 R O L L A M O

H. H. ARMSBY

*Registrar and Student Advisor*

B. S., C. E.  
Sigma Nu, Phi Kappa Phi



The successful engineer today must be socially skillful as well as technically proficient. Participation in campus activities will not only increase the pleasures of college life, but will also give valuable experience in cooperation with one's fellows, which will help to develop social skill. The Rollamo is a graphic record of these campus activities and should be prized by every student.

# ENGINEERING DEVELOPMENT



## Faculty

**FLOYD HILL FRAME, A. B., E. E.**

Professor of Electrical Engineering,  
Who's Who in Engineering

**I. HERRICK LOVETT, S. B., E. E., M. S. E.**

Professor of Electrical Engineering

**GEORGE OTIS RANES, B. S., E. E.**

Associate Professor of Electrical Engineering

**LEON ELLIS GARRETT, B. S.**

Professor of Mechanics

**WALTER W. HODGE, B. S.**

Captain Corps of Engineers, U. S. A.  
Associate Professor of Military Science and  
Tactics

**REX ZADOK WILLIAMS, B. S., M. S.**

Instructor in Mechanics

**WILLIAM B. BERTRAM, LL. B., Sergeant U. S. A.**

Instructor in Military Science and Tactics

**CHARLES J. MILLAR, B. S., M. S.**

Associate Professor of Biology

**SAMUEL H. LLOYD, JR., A. B., M. S.**

Associate Professor of Psychology

**FRANK EDWARD DENNIE, B. S., C. E.**

Associate Professor of Mathematics

**HERBERT RUSSELL HANLEY, B. S., Met. E.**

Professor of Metallurgy

**DAVID FRANCIS WALSH, B. S., Met. E., M. S.**

Assistant Professor of Metallurgy



## Faculty

**ROLFE M. RANKIN, A. B., A. M.**  
Associate Professor of Mathematics



**ELDRIDGE ALVAH GOODHUE, A. B., B. S., M. S.**  
Assistant Professor of Mathematics



**VAN BUREN HINSCH, B. S., E. M.**  
Professor of Mathematics

**R. O. JACKSON, B. S., M. E.**  
Professor of Mechanical Engineering  
Who's Who in Engineering



**JAMES HENRY UNDERWOOD**  
Assistant Professor of Shop

**A. VERN KILPATRICK, B. S., M. E.**  
Associate Professor of Mechanical Engineering



**WALTER CHARLES ZEUCH, B. S., C. E.**  
Associate Professor of Engineering Drawing  
and Descriptive Geometry

**CLAIR VICTOR MANN, B. S., C. E., Ph. D.**  
Professor of Engineering Drawing and De-  
scriptive Geometry



**REGAN HARRIS YOUNG, B. S., M. E.**  
Associate Professor of Engineering Drawing  
and Descriptive Geometry

**CHARLES MITCHENER DODD, B. Cerm. E., Cerm E.**  
Professor of Ceramic Engineering



**HAROLD GRANT, A. B.**  
Athletic Director and Head Coach

**JUNIOR BROWN, A. B.**  
Instructor of Physical Education, Assistant  
Coach  
Director of Intramural Athletics

# ENGINEERING DEVELOPMENT



## Faculty

EUGENE A. STEPHENSON, *B. S., Ph. D.*  
Professor of Petroleum Engineering

CARROL RALPH FORBES, *B. S., E. M.*  
Professor of Mine Engineering

JOSEPH BEATY BUTLER, *B. S., C. E., M. S.*  
Professor of Civil Engineering

CLARENCE EDWARD BARDSLEY, *B. S., C. E., Sc.*  
*D., M. S.*  
Professor of Hydraulic Engineering

ERNEST WILSON CARLTON, *B. S., M. S., C. E.*  
Professor of Structural Engineering

ERNEST ETHRIDGE DECKER, *B. S.*  
Instructor in Civil Engineering

GARRETT A. MUILENBURG, *B. A., M. S., E. M., Ph. D.*  
Professor of Economic Geology

OLIVER RUDOLPH GRAWE, *A. B., M. S., Ph. D.*  
Associate Professor of Mineralogy

MAURICE D. ORTEN, *A. B., A. M., M. A.*  
Professor of Economics

CHARLES YANCEY CLAYTON, *B. S., Met. E.*  
Professor of Metallurgy and Ore Dressing

JOSEPH WAYNE BARLEY, *A. B., A. M., Ph. D.*  
Professor of English

OSCAR ADAM HENNING, *A. B., A. M.*  
Professor of Modern Languages

## Faculty

MILES HERBERT CAGG, *A. B., M. A.*  
Assistant Professor of English

EUGENE LEE JOHNSON, *Ph. B., LL. B., A. M.*  
Professor of English

NADINE MATLOCK SEASE, *B. S., M. S.*  
Instructor in English

WALTER THEODORE SCHRENK, *B. S., M. S., Ph. D.*  
Professor of Chemistry—"Men Among Science"

THOMAS G. DAY, *A. B., M. S., Ph. D.*  
Instructor in Chemistry

KARL KENNETH KERSHNER, *B. S., M. S.*  
Professor of Chemistry

F. H. CONRAD, *B. S., Chem., Ph. D.*  
Assistant Professor in Chemistry

CLARENCE JOHN MONROE, *B. S., Ph. D.*  
Associate Professor of Physical Chemistry  
"Men Among Science"

CLARENCE DELMAR THOMAS, *B. S., A. M.*  
Assistant Professor in Physics

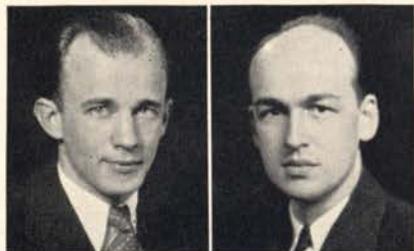
WILLIAM J. JENSEN, *A. B., A. M.*  
Associate Professor of Physics

JOHN M. WILSON, *B. S., M. S.*  
Assistant Professor in Physics

LEON ELMER WOODMAN, *A. B., A. M., Ph. D.*  
Professor of Physics



# ENGINEERING DEVELOPMENT



## Faculty

JAMES SHELLY CULLISON, *A. B., M. S.*  
Assistant Professor of Geology

PAUL G. HEROLD, *B. Cer. E., M. Sc., Ph. D.*  
Instructor in Ceramics

## Unphotographed

ELMO GOLIGHTLY HARRIS, *C. E.*  
Professor Emeritus of Civil Engineering

GEORGE REGINALD DEAN, *B. S., C. E.*  
Professor Emeritus of Mathematics

STUART LEE BAYSINGER, *M. D.*  
Professor of Hygiene and Student Health Director

LEWIS C. GORDON  
Major, Corps of Engineers, U. S. A.  
Professor of Military Science and Tactics

AARON J. MILES, *B. S., M. S., Ph. D.*  
Assistant Professor of Mathematics

STRATHMORE RIDLEY BARNOTT COOKE,  
*A. O. S. M., B. E., B. Sc., M. S., Ph. D.*  
Assistant Professor of Metallurgy and Research  
Metallurgist

DAVID J. PEERY, *B. S., M. S.*  
Instructor in Civil Engineering

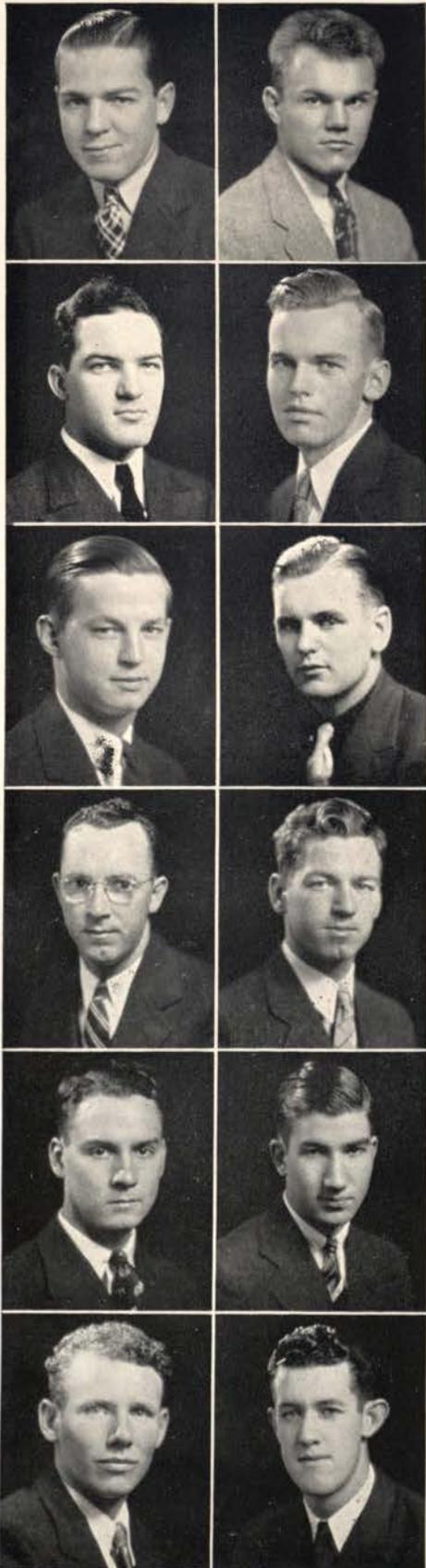
THE 1937 POLLAMO

# Classes



ENGINEERING  
DEVELOPMENT

# ENGINEERING DEVELOPMENT



## Seniors

ALEXANDER, MARION SNOW - - - *Riverside, Ill.*

MECHANICAL ENGINEERING

Triangle. Tau Beta Pi. Miner Board, Circulation Manager '36-'37. Librarian.

APPLEYARD, FRANK CHARLES - - *Glenview, Ill.*

MINING ENGINEERING

Independent. Football '33, '34, '35, '36, Captain '36 Band. President of Class '34-'36. Blue Key. Miner and Rollamo Trustee.

BARCLAY, ARTHUR HUGH - - - *Westfield, N. J.*

MINING ENGINEERING

Independent. Theta Tau. Officers' Club. Secretary Independents '36. Mining and Metallurgy Association, President '36. Miner and Rollamo Trustee.

BAXTER, THOMAS LEROY - - *Pinckneyville, Ill.*

ELECTRICAL ENGINEERING

Pi Kappa Alpha, Treasurer '36.

BENTLEY, HAROLD ROY - - *Webster Groves, Mo.*

CIVIL ENGINEERING

Lambda Chi Alpha. Athletic Association, President '36-'37. Officers' Club.

BERGER, HARRY CHARLES - - *Calumet City, Ill.*

CHEMICAL ENGINEERING

Lambda Chi Alpha. Epsilon Pi Omicron. Alpha Chi Sigma. Blue Key.

BISHOP, DORSE SIDNEY - - - - - *Sumner, Ind.*

CIVIL ENGINEERING

Independent. Track '35.

BOCHENEK, ALFRED FELIX - - - *Gardner, Mass.*

MECHANICAL ENGINEERING

Independent. Theta Tau.

BOMMER, THEODORE JOHN - - - *Bourbon, Mo.*

CIVIL ENGINEERING

Lambda Chi Alpha. Rollamo Board. St. Pat's Board.

BRUER, WALTER FRANKLIN - - - - *Rolla, Mo.*

CIVIL ENGINEERING

Independent. Tau Beta Pi. Theta Tau. Phi Kappa Phi. A. S. C. E. Secretary-Treasurer '36.

BROWN, BURAN WOODFORD - - - - *Rolla, Mo.*

CIVIL ENGINEERING

Independent. Track '31, '32, '33, '37.

BUSCH, WILLIAM CONRAD - - - *St. Louis, Mo.*

ELECTRICAL ENGINEERING

Independent. Theta Tau. Tau Beta Pi. Phi Kappa Phi. Officers' Club. Basketball '34, '35, '36, '37, Captain '37. Athletic Association. Secretary Class '34. Ranking Freshman and Junior. Awarded the Tau Beta Pi Slide-Rule '33.

## Seniors

CARDETTI, RICHARD - - - - Rosati, Mo.

CHEMICAL ENGINEERING

Theta Kappa Phi. Tau Beta Pi. Alpha Chi  
Sigma. Epsilon Pi Omicron. Officers' Club.



CAROLLA, ROSS ROSARIO - - - Kansas City, Mo.

CIVIL ENGINEERING

Independent. Tau Beta Pi. Vice-President of  
Class '35.



CHERRY, ROBERT PAUL - - Cape Girardeau, Mo.

CHEMICAL ENGINEERING

Alpha Lambda Tau. Band '35-'36.



CULBERTSON, WILLIAM WERNER - - Rolla, Mo.

METALLURGICAL ENGINEERING

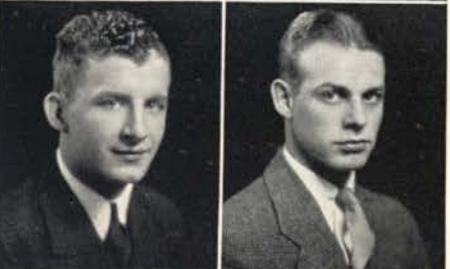
Independent. Tau Beta Pi. Phi Kappa Phi.  
Mining and Metallurgical Association. Officers'  
Club.



DEWEY, JOHN MARION - - - Kansas City, Mo.

CIVIL ENGINEERING

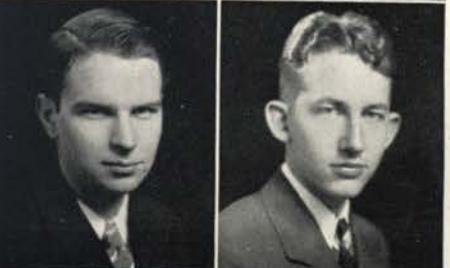
Independent.



DICKINSON, GEORGE WILSON - University City, Mo.

MINING ENGINEERING

Pi Kappa Alpha, Vice-President '36. Mining  
and Metallurgical Association-Secretary '36.  
Theta Tau.



DONNELLY, WARREN LLOYD - Kansas City, Mo.

MINING ENGINEERING

Independent. Theta Tau.

LOL

ELGIN, ROBERT LOUIS - - - Platte City, Mo.

CIVIL ENGINEERING

Independent. A. S. C. E., President '36.



ELLIS, PAUL BUSH - - - Cape Girardeau, Mo.

MECHANICAL ENGINEERING

Sigma Nu. Basketball '35, '36. A. S. M. E.  
President '36.



FENWICK, COLEMAN LEWIS - - - St. Louis, Mo.

CIVIL ENGINEERING

Lambda Chi Alpha.



FRAME, JOHN WARREN - - - Rolla, Mo.

METALLURGICAL ENGINEERING

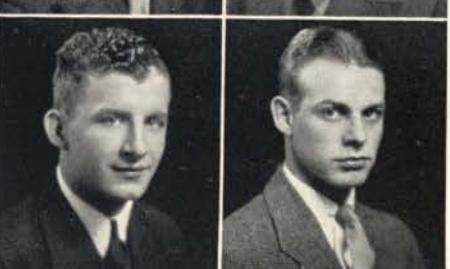
Kappa Sigma, Secretary '35, Treasurer '36. In-  
terfraternity Council, Vice-President '36-'37.  
Theta Tau. Blue Key. Tau Beta Pi.



GOULD, EDWARD PULASKI - - - Marion, Ind.

CIVIL ENGINEERING

Pi Kappa Alpha, Vice-President '37, A. S. C. E.



# ENGINEERING DEVELOPMENT



## Seniors

GREWIS, OSCAR EDWARD - - - *St. Louis, Mo.*

CIVIL ENGINEERING  
Sigma Nu, Secretary '35, Vice-President '36, President '37. Football '33, '34, '35. Track '35. Officers' Club. Interfraternity Council. St. Pat's Board. Treasurer of Class '37.

HARRIS, CLARENCE HERBERT - - *Hannibal, Mo.*

CIVIL ENGINEERING  
Independent.

HAUSMANN, ARTHUR PETER - - *St. Louis, Mo.*

CHEMICAL ENGINEERING  
Theta Kappa Phi, Secretary '36-'37. Theta Tau. Tau Beta Pi. Alpha Chi Sigma. Phi Kappa Phi.

HESLET, CHARLES GAYLE - - *Kansas City, Mo.*

CIVIL ENGINEERING  
Lambda Chi Alpha. Theta Tau. Band. Rifle Team '35. Manager '36-'37. Swimming '37.

HOLMAN, OSCAR KEITH - - *Jefferson City, Mo.*

PETROLEUM ENGINEERING  
Pi Kappa Alpha, House Manager '35, President '37. Editor of 1937 Rollamo. Rollamo Board Sports Editor '35-'36. Miner Board, Managing Editor '35, Contributing Editor '36-'37. Blue Key, Vice-President '36. Tau Beta Pi. Football '33, '34, '35. A. I. M. M. E. Rollamo and Miner Trustee '36-'37.

HOLTZ, WALTER LUDWIG - - - *Maplewood, Mo.*

MECHANICAL ENGINEERING  
Independent. Blue Key. Theta Tau. Athletic Association '33-'34. Officers' Club. Vice-President '36-'37. St. Pat's Board. Finance Chairman '36-'37. Board of Trustees '36-'37. A. S. M. E. Treasurer '36-'37. Rifle Squad. Secretary of Class '33, Treasurer '34.

JARRET, WALTER ROBERTSON - - *St. Louis, Mo.*

ELECTRICAL ENGINEERING  
Independent. Miner Board, Associate Editor '34, Senior Associate Editor '35. Editor-in-Chief '36-'37. Radio Club, Treasurer '34-'35. Vice-President '34-'35. Rollamo Board. Blue Key. Athletic Association '33-'34. A. I. E. E., Secretary-Treasurer '35-'36.

JENNI, PETER ANDREW - - - *Crystal City, Mo.*

CHEMICAL ENGINEERING  
Independent. Alpha Chi Sigma. Tau Beta Pi.

LANGE, ROBERT CAUTHORN - - - *Mexico, Mo.*

CHEMICAL ENGINEERING  
Pi Kappa Alpha, Vice-President '35, President '36. Basketball '34, '35, '36, '37. Miner Board, Sports Editor '35, Managing Editor '36-'37. Blue Key, Alumni Secretary '36. Epsilon Pi Omicron. Band '35, '36. Interfraternity Council. Track '34, '35, '36, '37.

LOGAN, EDWIN WILLIAM - - - - *Belleville, Ill.*

ELECTRICAL ENGINEERING  
Independent, Treasurer '36. Secretary of Class '34-'35. Theta Tau, President '36, Junior Executive Commissioner of A. I. E. E. '35-'36. Football '30, '31. Phi Kappa Phi '36.

LUDER, WALTER ELMER - - - - *St. Louis, Mo.*

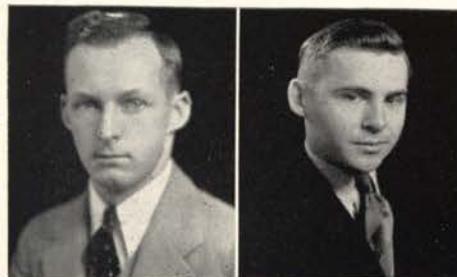
MECHANICAL ENGINEERING  
Independent. Theta Tau, Secretary '36. Tau Beta Pi. Officers' Club. A. S. M. E., Secretary '36. Athletic Association '33-'34.

McCLANAHAN, ARTHUR L. - - - *Desloge, Mo.*

CIVIL ENGINEERING  
Alpha Lambda Tau, Vice-President '35-'36.

## Seniors

MALONEY, WILLIAM GEORGE - *Kansas City, Mo.*  
 MECHANICAL ENGINEERING  
 Alpha Lambda Tau. Vice-President of the Class.  
 Tennis '33. Theta Tau.



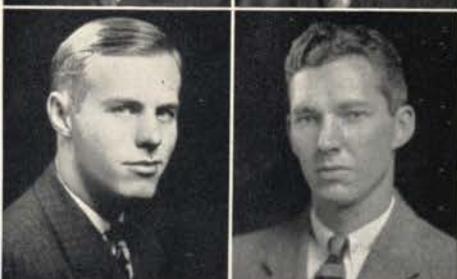
MILLARD, FRANK STUTZMAN - *Warrensburg, Mo.*  
 MINING ENGINEERING  
 Alpha Lambda Tau. A. I. M. M. E.



MOORE, WILBERN THOMAS - - - *Osborn, Mo.*  
 MECHANICAL ENGINEERING  
 Alpha Lambda Tau, President '36-'37.



OTTINGER, NEWTON HAROLD - - - *Kansas City, Mo.*  
 CIVIL ENGINEERING  
 Alpha Lambda Tau. A. S. C. E.



PIERCE, HAROLD FREDERICK - - - - *Rolla, Mo.*  
 SCIENCE  
 Independent.



PORTER, EARL VAUGHN - - - - *Campbell, Mo.*  
 ELECTRICAL ENGINEERING  
 Alpha Lambda Tau, Chaplain '36. Interfraternity Council, Treasurer '36-'37. Band.



POST, SAMUEL SHERRICK - - - - *Parma, Mo.*  
 METALLURGICAL ENGINEERING  
 Independent. Theta Tau. Tau Beta Pi Officers' Club, Treasurer '36-'37.



PRICE, SAMUEL ROBERT, JR. - - - *St. Louis, Mo.*  
 MECHANICAL ENGINEERING  
 Sigma Pi, Treasurer '36-'37. Tau Beta Pi, President '36-'37. St. Pat's Board, Treasurer '36-'37. Rifle Team, President '36-'37. Officers' Club, Cadet Major '36-'37, Secretary '36, President '36-'37.



SCAFE, ROY JAMES - - - - *Kansas City, Mo.*  
 MINING ENGINEERING  
 Kappa Alpha, Secretary '32.



SCHAUMBURG, GRANT WALTER - - *St. Louis, Mo.*  
 CHEMICAL ENGINEERING  
 Kappa Sigma, Secretary '34, President '36. St. Pat's Board, Dance Chairman '34. Epsilon Pi Omicron, Vice-President of Class '33.



SHECKLER, KENNETH F. - - - *St. Joseph, Mo.*  
 CERAMIC ENGINEERING  
 Pi Kappa Alpha, Treasurer '35-'36. Tau Beta Pi, Theta Tau, Orton Society, President '32-'33, Secretary-Treasurer '36. Officers' Club.



SHEPPARD, JOHN JULIAN - - - - *St. Louis, Mo.*  
 MINING ENGINEERING  
 Alpha Lambda Tau, Secretary '35-'36, Vice-President '36, '37. St. Pat's Board. Chairman '36-'37. Band. Glee Club, Secretary '35-'36.

# ENGINEERING DEVELOPMENT



## Seniors

CARDETTI, RICHARD JAMES - - - - - Rosati, Mo.

CHEMICAL ENGINEERING  
Theta Kappa Phi, Officers' Club, Tau Beta Pi.  
Alpha Chi Sigma.

GRAFFT, LELAND EDWARD - - - - - Rolla, Mo.  
CIVIL ENGINEERING  
Independent.

GREEN, MICHAEL EDWARD - - - Calhoun, Mo.

CERAMIC ENGINEERING  
Theta Kappa Phi, Rollamo Board, Athletic  
Association '32-'33, Orton Society, Vice-President  
'36-'37. Awarded Tau Beta Pi, Slide  
Rule '33.

KALEY, ROBERT RUSSELL - - - Scranton, Pa.

MECHANICAL ENGINEERING  
Lambda Chi Alpha, Treasurer '35, President '36-'37.  
Interfraternity Council President '36-'37.  
Blue Key, President '35. Officers' Club, Theta  
Tau. President of Class '33. Rifle Team '35-'36.

KOPP, WILLIAM ADOLPH - - - St. Louis, Mo.

MECHANICAL ENGINEERING  
Kappa Sigma, Secretary '36. Theta Tau.

MATTEI, PETER FELIX - - - St. Louis, Mo.

CIVIL ENGINEERING  
Theta Kappa Phi, President '36. President of  
the Miners '36. Football '33, '34, '35, '36. Rollamo  
Board.

McLAUGHLIN, JOHN WILLIAM - - St. Louis, Mo.

ELECTRICAL ENGINEERING  
Theta Kappa Phi, Mercier Club, Vice-President  
'35. Interfraternity Council, St. Pat's  
Board, Vice-President '36-'37. Board of Trustees  
'36-'37. Track '33-'35. Executive Commissioner  
of A. I. E. E.

READING, GEORGE ROBERT - - Springfield, Mo.

CHEMICAL ENGINEERING  
Independent.

SCHMIDT, RAYMOND CARL - - - St. Louis, Mo.

CHEMICAL ENGINEERING  
Theta Kappa Phi, Treasurer '36. Mercier Club,  
Treasurer '36. Blue Key, Recording Secretary  
and Treasurer '36. Radio Club, Treasurer '35-'36.

SHORES, ANDREW KERTH - - - Overland, Mo.

MECHANICAL ENGINEERING  
Lambda Chi Alpha, Vice-President '36. Rifle  
Team '35-'36.

STOGSDILL, HARRY GARN - - - - Vida, Mo.

CIVIL ENGINEERING  
Independent.

SILVER, PETER EDWARD - - - - St. Louis, Mo.

CHEMICAL ENGINEERING  
Pi Kappa Alpha, Miner Board, Rollamo Board.  
St. Pat's Board. Secretary of Class '36-'37.

## Seniors

TAYLOR, MARSHALL WILMER - - - *Miami, Fla.*  
 MINING ENGINEERING  
 Independent. Theta Tau.

TYRELL, MILES EDWARD - - - - *Wayne, Neb.*  
 CERAMIC ENGINEERING  
 Lambda Chi Alpha. Theta Tau. Orton Society,  
 President '35, '36, '37. Miner Board. Tau Beta  
 Pi. Phi Kappa Phi.

WILKEY, RALPH WILLIAM - - - - *Risco, Mo.*  
 CIVIL ENGINEERING  
 Independent. President '36-'37. Theta Tau.  
 Football '33, '34, '35, '36. St. Pat's Board. En-  
 gineer Co-op Club. Vice-President '35-'36.

VAHLE, JOHN FRED, JR. - - - - *St. Louis, Mo.*  
 ELECTRICAL ENGINEERING  
 Theta Kappa Phi. Football '33, '34, '35. Radio  
 Club. Officers' Club.

WEAVER, JAMES BROTEMARKLE - *Kansas City, Mo.*  
 CHEMICAL ENGINEERING  
 Pi Kappa Alpha. Athletic Association '33-'34.

VOGT, FRED KARL - - - - - *Rolla, Mo.*  
 CHEMICAL ENGINEERING  
 Independent. Rifle Squad '33, '34, '35, '36. Off-  
 cers' Club.

VOLZ, ELMER WILLIAM - - - - *St. Louis, Mo.*  
 CHEMICAL ENGINEERING  
 Independent. Tau Beta Pi. Phi Kappa Phi.  
 Epsilon Pi Omicron. Alpha Chi Sigma. Engi-  
 neers' Co-op Club. Vice-President '34-'35. Treas-  
 umer '35-'36. Chairman of Governing Board '36-  
 '37. Treasurer of Class '35.



# ENGINEERING DEVELOPMENT



## Seniors, Unphotographed

ALGER, ROBERT PERDUE - - - Mansfield, Pa.  
MINING GEOLOGY  
Kappa Sigma. Phi Kappa Phi. Band '36-'37.

BALKE, JOHN PHILLIPS - - - Clinton, Mo.  
ELECTRICAL ENGINEERING  
Independent.

BEINLICH, JUSTUS JORDON - - - St. James, Mo.  
METALLURGICAL ENGINEERING  
Lambda Chi Alpha. St. Pat's Board.

BRECKE, ERVIN ANDREW - - - Kenosha, Wis.  
MINING ENGINEERING  
Independent.

CUNNINGHAM, ROBERT LOUIS - Maplewood, Mo.  
CHEMICAL ENGINEERING  
Independent. Epsilon Pi Omicron. Glee Club  
Band.

FOLSOM, WENDELL GILMAN - Washington, Mo.  
CIVIL ENGINEERING  
Sigma Nu, President '36. St. Pat's Board. Blue  
Key, President '35-'36. Officers' Club. Assistant  
Advertising Manager of Miner '34. Advertising  
Manager '36. Alpha Psi Omega. Interfraternity  
Council.

HARWELL, GLENN ALLEN - Poplar Bluff, Mo.  
CIVIL ENGINEERING  
Sigma Pi, Vice-President '35, President '36-'37.  
Interfraternity Council.

JONES, ROBERT VICTOR - New Wilmington, Pa.  
METALLURGICAL ENGINEERING  
Kappa Sigma.

GRIMM, DONALD - - - - - Ferguson, Mo.  
CIVIL ENGINEERING  
Triangle, Vice-President '35. Basketball '32-'35.  
President of Class of '36 in '33. St. Pat's Board,  
Secretary '35.

WOLFE, BROOKS JOHN - - - - - Dexter, Mo.  
MINING ENGINEERING  
Independent.

GRIMM, RICHARD DEAN - - - - - Rolla, Mo.  
PETROLEUM ENGINEERING  
Independent. President of Class '34.

HACKMANN, GLEN NICHOLAS - - St. Louis, Mo.  
CIVIL ENGINEERING  
Alpha Lambda Tau, Secretary '36. A. S. C. E.  
Vice-President '35. Officers' Club.

RILEY, MARK EDWARD - - - Fennimore, Wis.  
Independent.

PHILLIPS, ARTHUR ALBERT - - - Rolla, Mo.  
MECHANICAL ENGINEERING  
Independent. Officers' Club. Theta Tau. Rifle  
Team '35-'36.

PANCIERA, MERITO ZARAQUETO - - Mystic, Conn.  
MINING ENGINEERING  
Independent.

O'NEAL, JOHN WILLIAM - - - Palmyra, Mo.  
MECHANICAL ENGINEERING  
Independent. Tau Beta Pi.

NEAL, CONGER - - - - - Mineral Point, Wis.  
ENGINEERING  
Independent.

MULLER, ALBERT LUTHER - - - St. Louis, Mo.  
ENGINEERING  
Independent.

STUTZKE, JOHN FRED BERNARD - - St. Louis, Mo.  
CIVIL ENGINEERING  
Independent.



## Juniors

### CLASS OFFICERS

President	JOSEPH CARROLL
Vice-President	MELVIN NICKEL
Secretary	HERBERT PRANGE
Treasurer	CHARLES LEE CLAYTON

BALLMAN, EDWARD A., *University City, Mo.*  
BLISH, LEWIS, *Jerseyville, Ill.*  
BLISS, ALLEN D., *St. Louis, Mo.*  
BOWMAN, DON, *St. Louis, Mo.*  
CAMERON, CHARLES, *Cuba, Ill.*  
CARPENTER  
CARROLL, JOSEPH, *Rutland, Vt.*  
CLAYTON, CHARLES, *Rolla, Mo.*  
CORNELL, ROY, *Webb City, Mo.*  
DECKER, WILLIAM, *Rolla, Mo.*  
ELLIS, JOE, *Maplewood, Mo.*  
EVANS, JAMES, *Kansas City, Mo.*  
FERNANDEZ, HORACIO, *Porral, Mexico*  
FINLEY, THOMAS, *St. Louis, Mo.*  
FOLSOM, DUDLEY, *St. Joseph, Mo.*  
FORD, WILLIAM, *Bloomfield, Mo.*  
FREIDANK, ROLAND, *Palmyra, Mo.*  
GERWIN, HARRY, *Rush Hill, Mo.*  
GIBSON, MELBURN, *Hannibal, Mo.*  
GLASER, ALLEN, *University City, Mo.*  
GLENDENING, WILLIAM, *Geneva, Ind.*  
GOELKEL, WALTER, *St. Louis, Mo.*  
HAACKE, GEORGE, *St. James, Mo.*  
HILL, EUGENE, *Phillipsburg, Mo.*  
HOLTMAN, ORVID, *Columbia, Mo.*  
HOWERTON, JOSEPH, *Rolla, Mo.*  
JARBOE, RUPERT, *Kansas City, Mo.*  
KELSEY, ELMER, *Mindenmines, Mo.*  
KOEPPEL, BEVERLY, *Cape Girardeau, Mo.*  
KUHLMANN, HARRY, *St. Louis, Mo.*  
LANIER, EUGENE, *Joplin, Mo.*  
LEGRAND, JESSE, *Doe Run, Mo.*  
LEWIN, BRAM, *University City, Mo.*  
LONG, JOHN, *Cadet, Mo.*  
MATTHEWS  
McCLOSKEY, JOHN, *Centralia, Ill.*  
MCCURDY, BELDING, *Webster Groves, Mo.*  
MATTHEWS, ROY, *St. Louis, Mo.*  
MILLER, JAMES, *St. Louis, Mo.*  
MOLLET, HOWARD, *Laddonia, Mo.*  
MOORE, J. CARL, *St. Louis, Mo.*  
MORRISON, FREDERICK, *St. Louis, Mo.*  
MUELLER, FRED, *Adrian, Mo.*  
MURPHY, JOSEPH, *Rolla, Mo.*  
NICKEL, MELVIN, *St. Louis, Mo.*  
PEUKERT, NORMAN, *Memphis, Mo.*  
POST  
PRANGE, HERBERT, *St. Louis, Mo.*  
PROUGH, DICK, *Kirkwood, Mo.*  
ROBERTSON, CECIL, *Marshfield, Mo.*  
ROGERS, HOWARD, *St. Louis, Mo.*  
RUEMMLER, WALDMAR, *St. Louis, Mo.*  
SANDER  
SEIBEL, ROBERT, *St. Louis, Mo.*  
SHANFELD, IRWIN, *University City, Mo.*  
SHORT, JOHN, *Rolla, Mo.*  
SIBERT, KENNETH, *Webb City, Mo.*  
SIMPSON, EDWARD, *Falls City, Neb.*  
STEINMETZ, HENRY, *St. Louis, Mo.*  
STOKES, HOMER, *Malden, Mo.*  
SULLIVAN  
THOMPSON, FREDERICK, *Rolla, Mo.*  
TITTLE, ROGER, *Evansville, Ill.*  
TURNER, BURR VAN, *Gideon, Mo.*  
VAN DEVENTER, CHAN CRAIG, *Nunda, N. Y.*  
WALLEY, OMAR, *Hannibal, Mo.*  
WILHITE, KENNETH TAYLOR, *Clayton, Mo.*  
WOLF, HERBERT CHARLES, *St. Louis, Mo.*  
WOLFE  
WONN, FREDERICK ALVIN, *Lamar, Mo.*

# ENGINEERING DEVELOPMENT



## Juniors

BALLMAN  
BLISH  
BLISS  
BOWMAN  
CAMERON  
CARPENTER  
CARROLL  
CLAYTON  
CORNELL  
DECKER  
ELLIS  
EVANS  
FERNANDEZ  
FINLEY  
FOLSOM  
FORD  
FREIDANK  
GERWIN  
GIBSON  
GLASER  
GLENDENNING  
GOELKEL  
HAACKE  
HILL  
HOLTMAN  
HOWERTON  
JARBOE  
KELSEY  
KOEPPEL  
KUHLMANN  
LANIER  
LE GRAND  
LEWIN  
LONG  
MATTHEWS



## Juniors

McCLOSKEY  
McCURDY  
MILLER  
MOLLETT  
  
MOORE  
MORRISON  
MUELLER  
MURPHY  
  
NICKEL  
PEUKERT  
POST  
PRANGE  
  
PROUGH  
ROBERTSON  
ROGERS  
RUEMMLER  
  
SANDER  
SEIBEL  
SHANFELD  
SHORT  
  
SIBERT  
SIMPSON  
STEINMETZ  
STOKES  
  
SULLIVAN  
THOMPSON  
TITTLE  
TURNER  
  
VAN DEVENTER  
WALLEY  
WILHITE  
WOLF  
  
WOLFE  
WONN



# ENGINEERING DEVELOPMENT

## Sophomores

### CLASS OFFICERS

<i>President</i>	WILLIAM ELLIS
<i>Vice-President</i>	RAYMOND STEWART
<i>Secretary</i>	PHILLIP BLAZOVIC
<i>Treasurer</i>	IGNATIUS ULAK

ALEXANDER, DONALD B., <i>Salem, Mo.</i>	GARDNER, ROBERT L., <i>Waterloo, Ill.</i>
ALLGEYER, JACK L., <i>St. Louis, Mo.</i>	GLATTHAAR, JACK R., <i>East St. Louis, Ill.</i>
ARNOLD, RALPH J., <i>St. Louis, Mo.</i>	GRABER, LEWIS J., <i>St. Louis, Mo.</i>
BARGER, HUBERT S., <i>Rolla, Mo.</i>	GREGG, ROBERT L., <i>Kansas City, Mo.</i>
BAUMAN, CLARENCE L., <i>University City, Mo.</i>	GRIMM, RAE E., <i>Rolla, Mo.</i>
BERWICK, JOHN D., <i>Rolla, Mo.</i>	HALL, ALVIN R., <i>Ft. Wayne, Ind.</i>
BIFFLE, EDGAR B., <i>Bloomfield, Mo.</i>	HANES, ROBERT W., <i>Jerseyville, Ill.</i>
BLAZOVIC, PHILLIP, <i>Albuquerque, N. M.</i>	HARSELL, TOM L., <i>Douglas, Ariz.</i>
BOLOTSKY, MAX, <i>Lakewood, N. J.</i>	HATTEN, HARRY S., <i>Lebanon, Mo.</i>
BOORKY, MORRIS, <i>Worcester, Mass.</i>	HAUCK, LESLIE F., <i>St. Joseph, Mo.</i>
BOUTIN, SAM R., <i>Cape Girardeau, Mo.</i>	HAVILAND, ROBERT P., <i>Warrenton, Mo.</i>
BRAND, GLENN, <i>Steelville, Mo.</i>	HOENER, FRED H., <i>Webster Groves, Mo.</i>
BRANNOCK, WILLIAM R., <i>Rolla, Mo.</i>	HOFFMAN, RAY E., <i>Hannibal, Mo.</i>
BROWN, ROY G., <i>University City, Mo.</i>	HORKY, WILLIAM F., <i>East St. Louis, Ill.</i>
BURKSTEN, ABRAHAM H., <i>St. Joseph, Mo.</i>	HYNES, RICHARD R., <i>Effingham, Ill.</i>
CARPENTER, FORREST L., <i>Prairie Home, Mo.</i>	JOHNSON, EARL H., <i>Morris, Ill.</i>
CARVER, JENNINGS B., <i>Neosho, Mo.</i>	JOHNSON, LEE R., <i>Farmington, Mo.</i>
CLANCY, STEPHEN M., <i>Cooperstown, N. Y.</i>	JORDAN, WILLIAM G., Jr., <i>Joplin, Mo.</i>
CLAPP, GEORGE A., <i>St. Louis, Mo.</i>	KATZ, HOWARD, M., <i>Rolla, Mo.</i>
CLARIDGE, ELMOND L., <i>St. Louis, Mo.</i>	KIDD, HAROLE S., <i>St. Louis, Mo.</i>
CRECELIUS, HERBERT F., <i>St. Louis, Mo.</i>	KIESLER, JAMES A., <i>Chicago, Ill.</i>
CUTSHALL, HARRY W., <i>Litchfield, Ill.</i>	LAMBELET, LAWRENCE E., <i>Cuba, Mo.</i>
DALLMEYER, RAY D., <i>St. Charles, Mo.</i>	LAWLEY, FREDRICK E., <i>Rolla, Mo.</i>
DIANOSICH, CHARLES S., <i>Lackawanna, N. Y.</i>	LIVINGSTON, ROBERT G., <i>Cedar Hill, Mo.</i>
DIEFFENBACH, R. P., <i>Spring Valley, N. Y.</i>	LOVERIDGE, JOEL F., <i>Webster Groves, Mo.</i>
DONALDSON, RICHARD F., <i>St. Louis, Mo.</i>	LYON, LUTHER S., Jr., <i>St. Louis, Mo.</i>
ELLIOTT, EDWARD E., <i>Rolla, Mo.</i>	MCDONALD, JOHN R., <i>Hannibal, Mo.</i>
ELLIOTT, HARRY F., <i>St. Louis, Mo.</i>	MCKISSICK, ROBERT C., <i>St. Joseph, Mo.</i>
ELLIOTT, LEWIS C., <i>Rolla, Mo.</i>	MALTBY, GEORGE E., <i>St. Louis, Mo.</i>
ELLIS, WILLIAM R., <i>DeSoto, Mo.</i>	MANN, ROBERT L., <i>Rolla, Mo.</i>
FILLMER, HOWARD H., <i>Niangua, Mo.</i>	MARR, CHESTER A., <i>Springfield, Mo.</i>
FRYE, LAUREL B., <i>La Monte, Mo.</i>	MAXWELL, WELLWOOD H., <i>Westfield, N. J.</i>
GAMMETER, WALTER, Jr., <i>St. Louis, Mo.</i>	MILLER, EDGAR S., <i>Platte City, Mo.</i>



## SOPHOMORES--Continued

MILLER, HAROLD C., *Joplin, Mo.*  
MOODY, HOWARD F., *St. Louis, Mo.*  
MOONEY, JOSEPH W., *St. Louis, Mo.*  
MOORE, JACK W., *Mexico, Mo.*  
MOORE, PARNELL J., *Doniphan, Mo.*  
MOOREW, WILLIAM J., *Middlegrove, Ill.*  
MORRIS, CHARLES W., *Litchfield, Ill.*  
MUELLER, GEORGE E., *St. Louis, Mo.*  
MUSSELL, WALTER E., *Poplar Bluff, Mo.*  
OBERBECK, WILLIAM F., *Chesterfield, Mo.*  
PEARL, WILLIAM T., *Sedalia, Mo.*  
PICCO, VINCENT T., *Richmond Heights, Mo.*  
PINNEY, DAWSON C., *Bosworth, Mo.*  
PITTS, GEORGE O., *Warrenton, Mo.*  
POHLMAN, EDGAR F., *St. Louis, Mo.*  
POST, JOHN R., *Parma, Mo.*  
REA, WILLIAM R., *Carrollton, Mo.*  
RECTOR, GILBERT E., *Smithfield, Ill.*  
RUNYAN, JAMES R., *Mexico, Mo.*  
SANDER, VERNON A., *Cape Girardeau, Mo.*  
SHERMAN, HOWARD D., *St. Louis, Mo.*  
SIEGRIST, KERMIT A., *Meadville, Mo.*  
SMITH, LEROY E., *Jackson, Mo.*  
SMITH, ROBERT H., *Rolla, Mo.*  
SMITH, ROBERT S., *Pitman, N. J.*  
SOULT, JOHN P., *St. Louis, Mo.*  
SPAULDING, JOHN V., *Moberly, Mo.*  
STEWART, RAYMOND S., *St. Louis, Mo.*  
STEWART, ROBERT M., *Salem, Ill.*  
STOJEBIA, THADDEUS S., *St. Louis, Mo.*  
STURGESS, HERBERT P., *Meadville, Mo.*  
TAYLOR, FRED N., *Alton, Ill.*  
TETLEY, ROBERT L., *Sikeston, Mo.*  
THOMPSON, EDGAR C., *Rolla, Mo.*  
TROUTNER, FORREST T., *Louisiana, Mo.*  
TUCKETT, KENNETH H., *St. Louis, Mo.*  
TUSHMAN, HARRY, *Worcester, Mass.*  
ULAK, IGNATIUS J., *Newark, N. J.*  
UNDERWOOD, ROY M., *Latrobe, Penn.*  
VEZMAR, ALEXANDER G., *Lackawanna, N. Y.*  
WADLIN, KENNETH L., *Highland, N. Y.*  
WALTER, GEORGE C., *St. Louis, Mo.*  
WARD, CHARLES C., *Rolla, Mo.*  
WATERS, WADE D., *Matthews, Mo.*  
WHITEMAN, GEORGE A., *Sedalia, Mo.*  
WILKINSON, ROBERT L., *Jerseyville, Ill.*  
WILSON, JAMES C., *Farmington, Mo.*  
YEATER, MAX L., *Rolla, Mo.*  
ZVANUT, CARL M., *St. Louis, Mo.*

# ENGINEERING DEVELOPMENT

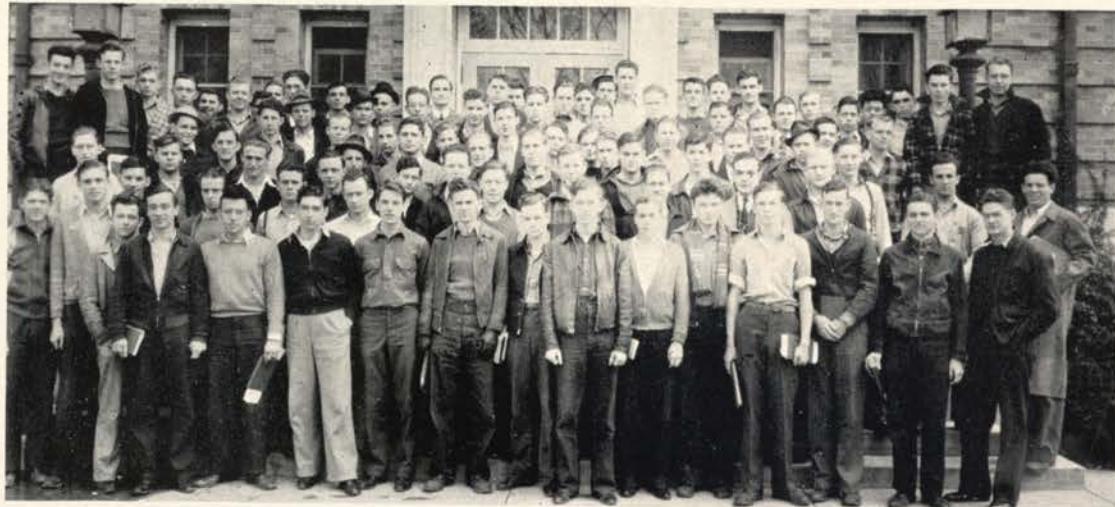
## Freshmen

### CLASS OFFICERS

President	HAROLD VOLKMAR
Vice-President	WALTER BAUMSTARK
Secretary	KEITH MILLER
Treasurer	WALTER KOZIATCK

ADAMS, JACK COLEMAN, *Springfield, Mo.*  
ADAMS, WASHINGTON, JR., *Springfield, Mo.*  
ALFORD, THERON REX, *Buffalo, Mo.*  
ALLGIER, ELMER MORITZ, *Carthage, Mo.*  
ANDRESEN, HERMAN JOHN, *St. Louis, Mo.*  
ANDREWS, JOHN AVERY, *Lyndonville, N. Y.*  
AUSTIN, JOHN CLIFTON, *Calcium, N. Y.*  
AVES, WILLIAM LEONARD, *Higueras, Coah., Mex.*  
AXTHELM, PRESTON WARREN, *St. Louis, Mo.*  
BAGLEY, HARRY ALBERT, *St. Louis, Mo.*  
BAKER, EARL BENJAMIN, *Thayer, Mo.*  
BARCLAY, JAMES MCKEE, *Westfield, N. J.*  
BARRETT, CORWIN MILLER, *Skidmore, Mo.*  
BASS, DERYL FRED, *Lees Summit, Mo.*  
BAUMSTARK, WALTER ANTHONY, *Kirkwood, Mo.*  
BENTLEY, CLAYTON WILLARD, *Lyndonville, N. Y.*  
BIGGS, DELMAR ROY, *Salem, Mo.*  
BOGGS, RAYMOND WYATT, *St. James, Mo.*  
BONNELL, VIRGIL LEE, *Olney, Mo.*  
BORELLI, PATSY JOSEPH, *Milford, Mass.*  
BORGMAN, EDWIN HENRY, *Levavy, Mo.*  
BRAUN, STEVE SEBASTIAN, *St. Louis, Mo.*  
BROCKMAN, GLEN BUD, *Kansas City, Mo.*  
BRUNE, ARTHUR WILLIAM, *St. Louis, Mo.*  
BUCK, WILMER ERLE, *St. Louis, Mo.*  
BURKE, WILLIAM THOMAS, *St. Louis, Mo.*  
BURNETT, RICHARD WARREN, *St. Louis, Mo.*  
BURNS, JOHN RICHARD, *Rockford, Ill.*  
BUSH, JAMES MARVIN, *Monroe, N. Y.*  
CAPLOVITZ, SIDNEY, *North Bergen, N. J.*  
CARR, WALTER JAMES, *Knobnoster, Mo.*  
CLARK, W. GUY, *Kansas City, Mo.*  
CONSTANTINE, ANDREW LEWIS, *St. Louis, Mo.*

COTTERILL, CARL HAYDEN, *Lamar, Mo.*  
COWAN, CLYDE LORRAIN, *St. Louis, Mo.*  
CROMER, CARL, *St. Louis, Mo.*  
CULLISON, MAURICE DEE, *Rolla, Mo.*  
CULLOM, JOHN TILLMAN, *Mt. Olive, Ill.*  
CUNNINGHAM, LYNN LORAIN, *Wilmington, Ill.*  
DANSON, WARREN ROBERT, *West Plains, Mo.*  
DAVISON, HOSMER EVERET, *Elkland, Mo.*  
DENNIE, POWELL ARTHUR, *Rolla, Mo.*  
DENNIS, ARTHUR BENJAMIN, *Springfield, Mo.*  
DICKMAN, WILLIAM CHARLES, *Sedalia, Mo.*  
DIETER, KENNETH HARRY, *Bagoto, N. Y.*  
DOERINGER, RUSSELL COLE, *Plainfield, N. Y.*  
DONAHUE, JAMES BOYD, *St. Louis, Mo.*  
DONALDSON, ALAN RAYMOND, *East St. Louis, Ill.*  
DONNELLY, RAYMOND MICHAEL, *Terre Haute, Ind.*  
DOWLING, PAUL, *St. Louis, Mo.*  
DRYDEN, EWING ROCKWELL, *St. Louis, Mo.*  
EIKMAN, EARL SAMPSON, *St. James, Mo.*  
ELDRIDGE, ROBERT WALTER, *St. Louis, Mo.*  
EMERY, JACK AMSDEN, *Brattleboro, Vt.*  
ENOS, CHARLES ARTHUR, *St. Joseph, Mo.*  
FISS, HERBERT JOSEPH, *Rolla, Mo.*  
FLESCHNER, ROY ANTON, *St. Louis, Mo.*  
FORT, GEORGE EDWARD, *Rolla, Mo.*  
FRANCIS, MERRITT MOLINE, *Honeoye Falls, N. Y.*  
FROMMEL, JOSEPH PHILIP, *Thayer, Mo.*  
FROST, FRED WILLIAM, *St. Louis, Mo.*  
GALBA, PAUL JOSEPH, *St. Louis, Mo.*  
GIBBONS, HOWARD THOMAS, *Plainfield, N. J.*  
GRENA, ROBERT WILLIAM, *St. Louis, Mo.*  
GUND, RUSSELL ALEXANDER, *St. Louis, Mo.*  
HALL, CHARLES EUGENE, *Webb City, Mo.*



### FRESHMEN--Continued

HARRIS, WELDON SULLIVAN, *Flat River, Mo.*  
 HART, RAYMOND BURTON, *Fremont, Mich.*  
 HARTMAN, WILLIAM CHARLES, *St. Louis, Mo.*  
 HEINICKE, HUBERT CHARLES, *St. Louis, Mo.*  
 HEINICKE, WARREN OTTO, *St. Louis, Mo.*  
 HELLING, RAYMOND PETER, *Owensville, Mo.*  
 HERZOG, ALOYSIUS REINHARD, *St. Genevieve, Mo.*  
 HOEYNCK, HENRY ALEXANDER, *St. Louis, Mo.*  
 HOGAN, EARL MICHAEL, *Pinckneyville, Ill.*  
 HOMER, STEVE LARSSON, *Fairfield, Conn.*  
 HUTCHISON, MAX JAMES, *Joplin, Mo.*  
 IMHOFF, HAROLD LEWIS, *Hannibal, Mo.*  
 JANEFF, JOHN, *St. Louis, Mo.*  
 JENSEN, JAMES WILLIAM, *Rolla, Mo.*  
 JONES, EUGENE FREDERICK, *Mexico, Mo.*  
 KAMPER, HERBERT GEORGE, *St. Louis, Mo.*  
 KARTER, KARL WILBUR, *Richmond Heights, Mo.*  
 KAUFMAN, WILLIAM FRANK, *Maplewood, Mo.*  
 KELLEY, THOMAS WALLCE, *Commerce, Mo.*  
 KIMMELL, HERBERT OSCAR, *Lecomia, Mo.*  
 KLUG, ROBERT JOHN, *St. Louis, Mo.*  
 KOZIAK, WALTER STEPHEN, *St. Louis, Mo.*  
 KRAUSE, AURELIUS NATHANIEL, *Alma, Mo.*  
 KURTZ, SAMUEL ANTHONY, *Bureau, Ill.*  
 LADD, HARLEY WILLARD, *Thayer, Mo.*  
 LADD, MARSHALL LEROY, *Thayer, Mo.*

LARSH, JOSEPH ALBERT, *Rensselaer, Ind.*  
 LEBER, WALTER PHILIP, *St. Louis, Mo.*  
 LEUNG, LEE YUEN, *Middletown, N. Y.*  
 LENZ, OSCAR VICTOR, *St. Louis, Mo.*  
 LIGHT, EUGENE ERNEST, *Rolla, Mo.*  
 LORANCE, ROBERT NEAL, *Lebanon, Mo.*  
 LUMSDEN, HAROLD QUIENTON, *Matthews, Mo.*  
 McCARTY, JAMES WADE, JR., *Salem, Mo.*  
 McCUE, JOHN ED, *Eolia, Mo.*  
 McNICHOLS, WELLINGTON ARTHUR, *St. Louis, Mo.*  
 McQUARY, JAMES OTIS, JR., *Bethany, Mo.*  
 MACKEY, DAVID HOWARD, *Tonawanda, N. Y.*  
 MARKLEY, JACK SMUCKER, *Barberton, O.*  
 MASON, DAVID ROBBINS, *St. Louis, Mo.*  
 MIDDAGH, LAWRENCE EUGENE, *Lawrenceville, Ill.*  
 MILLER, KEITH ELLIS, *Macon, Mo.*  
 MITCHELL, DALE ELBERT, *Jerico Springs, Mo.*  
 MITSCH, GEORGE LESTER, *St. Louis, Mo.*  
 MUNSON, EMERSON BRADLEY, *Rolla, Mo.*  
 O'CONNELL, ROBERT EMMETT, *Stewart Manor, N. Y.*  
 OLcott, EUGENE LOUIS, *Webster Groves, Mo.*  
 OLENHOUSE, JOHNNIE VERMIL, *Meadville, Mo.*  
 O'NEILL, JOHN JOSEPH, JR., *Franklin Square, N. Y.*  
 O'Rourke, EDWARD CHARLES, *Tulsa, Okla.*  
 PACKARD, MURRAY OSGOOD, *Evanston, Ill.*  
 PALMER, CLARENCE CHILDS, *Hannibal, Mo.*

# ENGINEERING DEVELOPMENT



## FRESHMEN--Continued

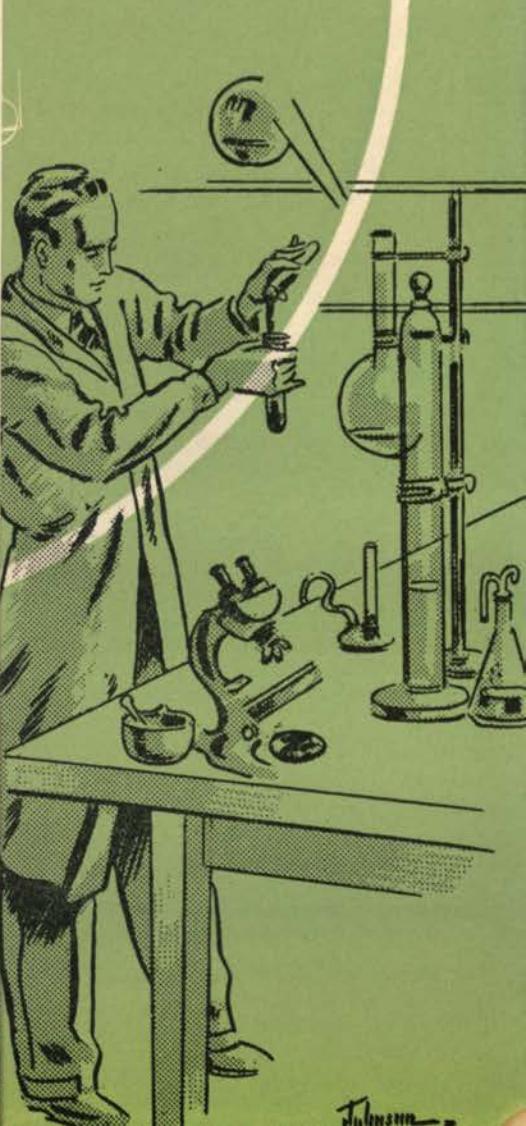
PAYNE, LESLIE MAURICE, *Eureka, Mo.*  
PEER, SIDNEY AUSTIN, *Boonton, N. J.*  
PERRY, ERNEST LEROY, *Rolla, Mo.*  
PETERS, ELMER HENRY, *St. Louis, Mo.*  
PLANJE, THEODORE JOHN MARION, *Newburg, Mo.*  
POLITTE, JOSEPH ALFRED, *Jackson, Mo.*  
PRACHT, HERMAN WILLIAM, *Williamsville, Mo.*  
RAKASKAS, JOSEPH EDWARD, *Patterson, N. J.*  
REED, JOHN FRANKLIN, *St. Louis, Mo.*  
RIDLEY, ROBERT PERSHING, *St. Louis, Mo.*  
ROEPKE, ROBERT PAUL, *Clayton, Mo.*  
ROFFMAN, KENNETH ALVIN, *University City, Mo.*  
ROUX, JAMES RAMEE, *Kirkwood, Mo.*  
SCHRACHT, ROY, *Kirkwood, Mo.*  
SCHALLER, RONALD AUGUST, JR., *University City, Mo.*  
SHARP, EVERETT WALTER, *Mexico, Mo.*  
SKIADAS, GEORGE JOHN, *Crystal City, Mo.*  
SMELSER, HAROLD RICHARD, *St. Charles, Mo.*  
SMOTHERS, WILLIAM JOSEPH, *Poplar Bluff, Mo.*  
SPAFFORD, JOSEPH EDWARD, *St. Louis, Mo.*  
STRAUB, ALVIN EARNEST, *Rolla, Mo.*  
STRAWHUN, JOE OLIVER, *Valley Park, Mo.*  
STURGIS, CHARLES PAUL, *Kennett, Mo.*

TAYLOR, OTIS HILY, *Herrin, Ill.*  
TIMBERMAN, DEWILTON BENJAMIN, *Rolla, Mo.*  
TRAUTWEIN, ELMER E., *Gerald, Mo.*  
TUCKER, ARMIN JOHN, *Rolla, Mo.*  
TUCKER, NORMAN PERCY, *Rolla, Mo.*  
UNGER, VERNON ELMER, *St. Louis, Mo.*  
VAUGHN, RAY EUGENE, *Dawn, Mo.*  
VERDI, COLUMBUS, *Boonton, N. J.*  
VOLKMAR, HAROLD WILLIAM, *Jefferson City, Mo.*  
VOLZ, HERBERT ADAM, *St. Louis, Mo.*  
WADDINGTON, WALTER GLENN, *Webster Groves, Mo.*  
WAGNER, WARDE MARTEL, *St. Louis, Mo.*  
WARD, ROBERT ELVIN, *St. Louis, Mo.*  
WASHBURN, EARL LEROY, *Westfield, N. J.*  
WEBER, ARTHUR, JR., *St. Louis, Mo.*  
WEBER, CHARLES SHEARIN, *University City, Mo.*  
WEISERT, WALTER AUGUST, *Webster Groves, Mo.*  
WELCH, JOHN FRANK, *St. Louis, Mo.*  
WELLS, ROBERT FRANCIS, *Sullivan, Mo.*  
WHITE, ZANE HARRISON, *Rolla, Mo.*  
WILDER, HALBERT LEE, *Joplin, Mo.*  
WILDHAGEN, LUDWIG SPENCER, *St. Joseph, Mo.*  
WILLEY, NORMAN WILSON, *Pike, N. Y.*

## Unclassified Students

COMSTOCK, CARLU CHRISTMANN, *Rolla, Mo.*  
CRUMPLER, HUGH ALLEN, *Rolla, Mo.*  
HEIMBERGER, MARGARET JOANNE, *Rolla, Mo.*  
MILLER, FERN NADINE, *Rolla, Mo.*  
POHLE, LEONA BETTY, *Rolla, Mo.*

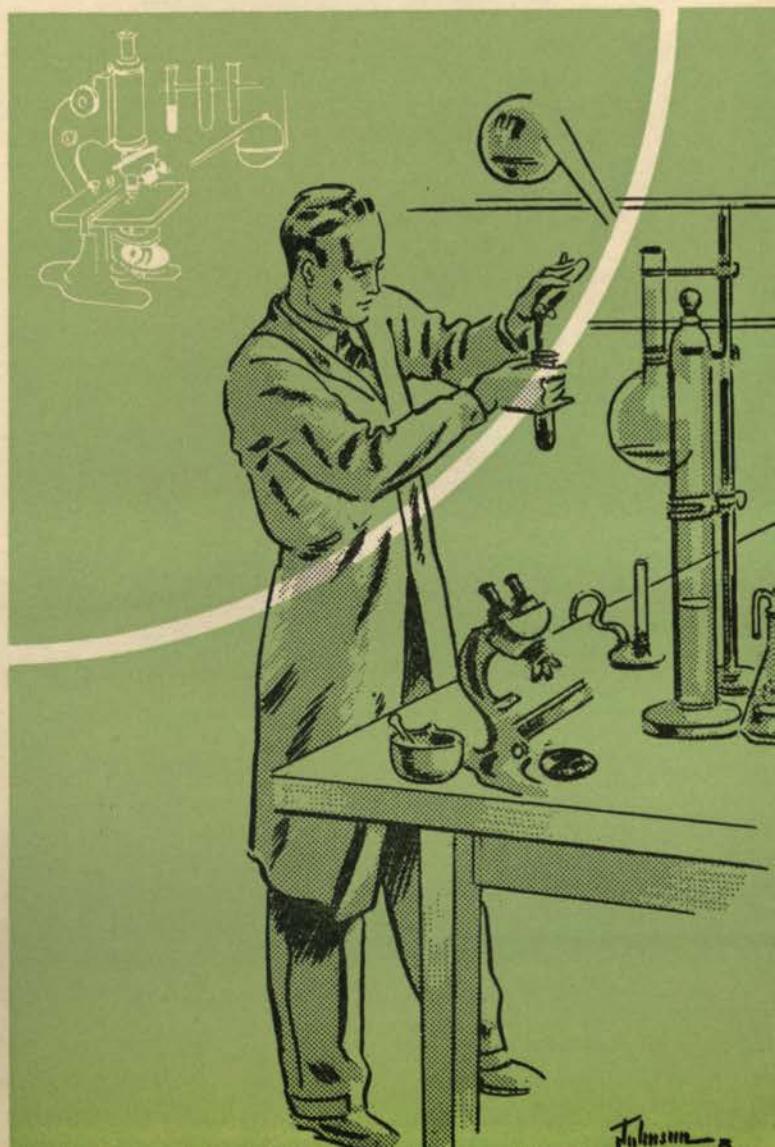
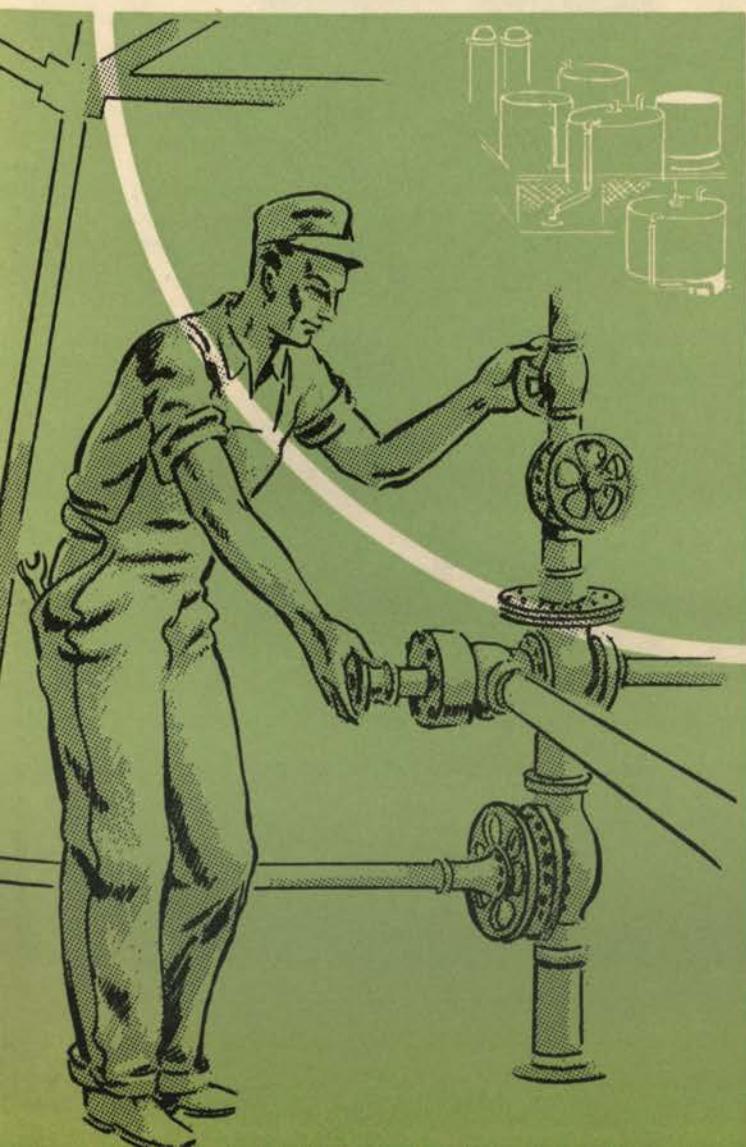
RICKER, MARJORIE AGNES, *Lanes Prairie, Mo.*  
ROBEY, ARTHUR SILCOTT, *Rolla, Mo.*  
TYSON, MARY ELLEN, *Rolla, Mo.*  
VOLLMAR, EDWARD CRAFT, *Raymondville, Mo.*



## ENGINE

PAYNE, LESLIE MAURICE, *E*  
PEER, SIDNEY AUSTIN, *Boo*  
PERRY, ERNEST LEROY, *Ro*  
PETERS, ELMER HENRY, *St.*  
PLANJE, THEODORE JOHN M  
POLITTE, JOSEPH ALFRED, *J*  
PRACHT, HERMAN WILLIAM  
RAKASKAS, JOSEPH EDWARD,  
REED, JOHN FRANKLIN, *St.*  
RIDLEY, ROBERT PERSHING,  
ROEPKE, ROBERT PAUL, *Cla*  
ROFFMAN, KENNETH ALVIN  
ROUX, JAMES RAMEE, *Kirk*  
SCHRACHT, ROY, *Kirkwood*  
SCHALLER, RONALD AUGUST,  
SHARP, EVERETT WALTER, *M*  
SKIADAS, GEORGE JOHN, *Cry*  
SMELSER, HAROLD RICHARD  
SMOTHERS, WILLIAM JOSEPH  
SPAFFORD, JOSEPH EDWARD,  
STRAUB, ALVIN EARNEST, *Ro*  
STRAWHUN, JOE OLIVER, *V*  
STURGIS, CHARLES PAUL, *K*

COMSTOCK, CARLU CHRISTM  
CRUMPLER, HUGH ALLEN, *I*  
HEIMBERGER, MARGARET JOA  
MILLER, FERN NADINE, *Rolle*  
POHLE, LEONA BETTY, *Roli*





## Coaches



HAROLD GRANT  
HEAD COACH  
Director of Athletics

Harold Grant, Director of Athletics, and head football and track coach for the Miners completed his ninth season at M. S. M. this year. Grant came to M. S. M. from The College of the City of Emporia, where he succeeded Gwyn Henry, his former coach.



JUNIOR BROWN  
ASSISTANT

"Brownie" also came from Emporia, where he received his training under Grant. During the year he is assistant football coach, golf instructor, and has charge of all intramural athletics. Brown is also completing his ninth year at M. S. M.



ELMER KIRCHOFF

"Kirch" handles the freshman football aspirants during the fall and is head basketball coach. He was an all-state end and star basketball player during his playing days at M. S. M. "Kirch" is completing his third year here.



BILL NEEL

Bill has come in this year to help in the coaching of the football team and to act as head coach of the swimming team. Bill, also, was an M. S. M. star football player several years ago.



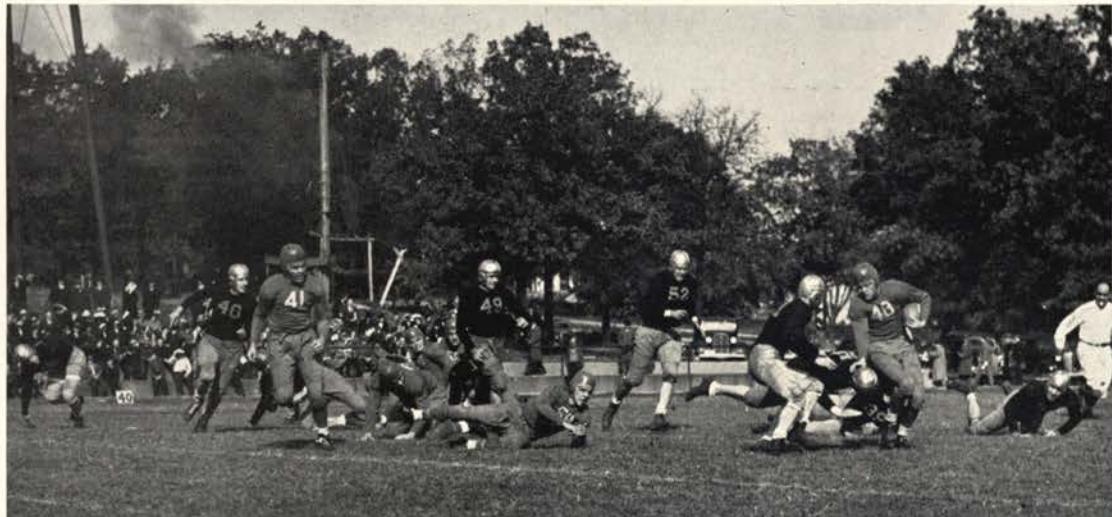
## FOOTBALL SCHEDULE

Sept. 25—St. Louis University at St. Louis.  
Oct. 3—McKendree College at Rolla.  
Oct. 16—Maryville at Maryville.  
Oct. 24—Warrensburg Teachers at Rolla.  
Oct. 30—Kirksville at Kirksville.  
Nov. 13—Springfield at Springfield.  
Nov. 20—Cape Girardeau Teachers at Rolla.



CAPTAIN APLEYARD

"Ap" has held down a tackle position on the Miner team for four years. He was known as an excellent blocker and a fine defense man as mighty few plays went over him.



## Football

The 1936 football season was not successful in games won, but proved very valuable in seasoning the large number of freshman and new men who made up the squad of 44 men that lasted throughout the season.

After a lapse of several years, through the middle of the depression, football material poured back into M. S. M. this fall, and only inexperience kept Coach Grant's charges from charting up a winning list in conference play.

The Miners opened their season by taking a 38-18 triming in their annual game with St. Louis

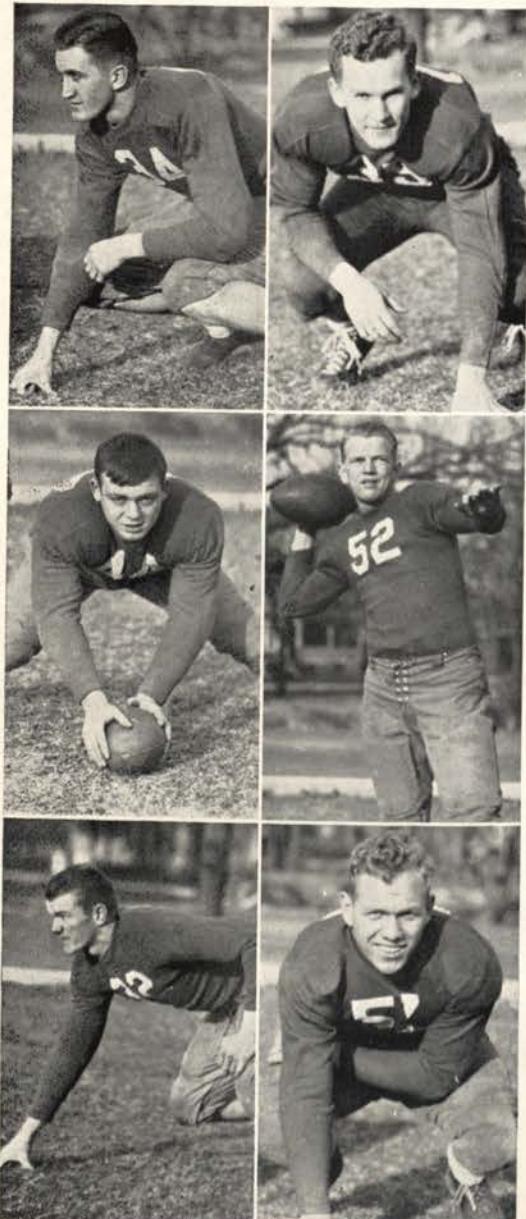
University at St. Louis. They did, however, score three touchdowns on the St. Louisians and thus showed that they were a team that could not be walked on. The Billikens scored first after only two minutes of the game had been played and then came back with another score to lead 12-0. Taylor went over for the Miners in the second quarter on a 5-yard run, but the Bills came back with a "fumble" play to again score and the count was 19 to 6 at the half.



BELOW

Lintner  
Middaugh  
Wilson

Murphy  
Taylor  
Volkmar



## FOOTBALL--Continued

Kiesler scored for the Miners in the third period after Capt. Appleyard had recovered a fumble on the St. Louis two yard stripe. Aroused by this touch down the Bills came back to score twice in succession to safely secure the game for themselves. Just before the game ended, Koziatek fired a pass to Grenia who went over the line for the last score of the battle.

McKendree provided the opposition for the opening game of the year on the Miner field, but after the Miners had scored four times the opposition became nil, and the Silver and Gold won hands down, 27-0. McKendree gained exactly no yards at all while the Miners had 217 to their credit at the end of the game. Grenia, Kiesler, and Taylor crossed the McKendree goal-line.

In their third game of the season the Miners invaded Maryville for the first M. I. A. A. game,

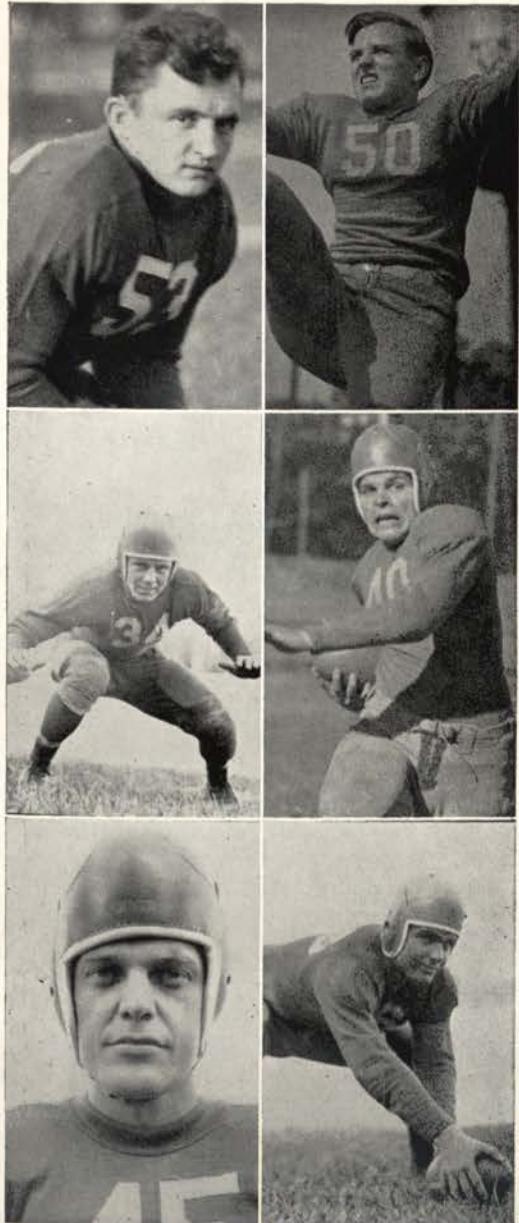


# THE 1937 ROLLAGO

BELOW

Koziatek  
Curtis  
Folsom

Nickel  
Kiesler  
Spafford



## FOOTBALL--Continued

and were unable to score on the Bearcats, but as the Bearcats were unable to score on us the final score was 0-0.

Next, before a large Homecoming crowd on Jackling field, the Silver and Gold was defeated 20 to 0 by the Warrensburg Mules. All the Mule scoring was done in the second quarter and all were the direct product of passes over the middle of the Miner line.

Invasive the den of the Champion Kirksville Club, the Miners were again set back, this time 13 to 12, an extra point proving the difference be-



BELOW

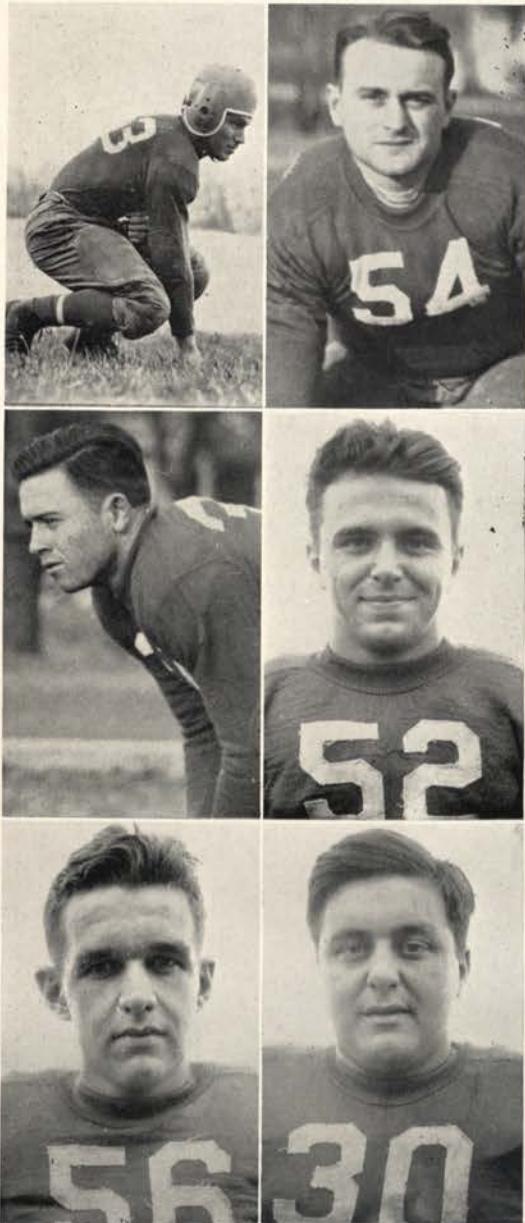
Wilkey  
Ladd  
Prough

Flanary  
Loveridge  
Mattei

## FOOTBALL--Continued

tween a tie and a defeat. The Miners outplayed the Bulldogs, and even had the misfortune of having a touch down called back by the officials. Taylor made the longest run of the conference in this game when he sprinted over 60 yards to score in the third quarter.

In the semifinal battle with Springfield, the Miners' defense went haywire and the Bears were able to score 13 points. At the same time we also scored 13 points and the result was another of those discouraging ties. Some pretty lateral passing gave the Miners their two touchdowns.





# THE 1937 ROLLAMO

BELOW

Miller  
Baumstark  
Taylor

Holman  
Axthelm  
Grenia



## FOOTBALL--Concluded

Cape Girardeau added the finishing touches to an already disheartening season by eking out a 19 to 16 decision over the Silver and Gold. The Indians started out strong but weakened rapidly and in the last few minutes of play the Cape quarter ran the pigskin back over his own goal line for a safety to give the Miners two points, instead of taking a chance of fumbling the ball and having the Miners recover.

While the results of the season were rather unsuccessful, the season was of value in seasoning the new men for the 1937 campaign.

# ENGINEERING DEVELOPMENT



CO-CAPTAIN

BOB LANGE



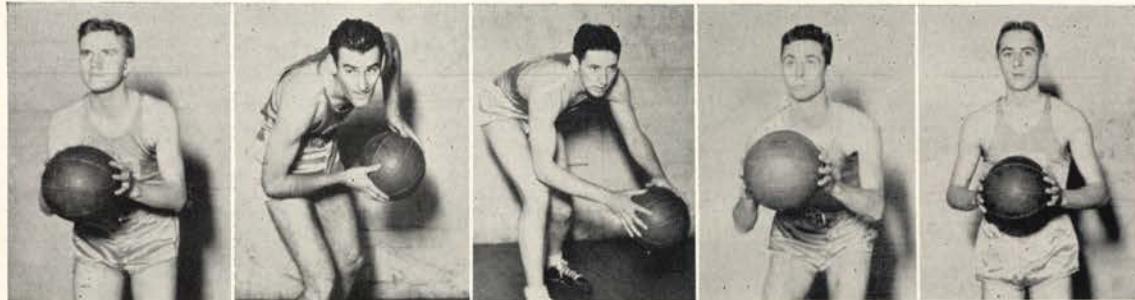
CO-CAPTAIN

BILL BUSCH

## BASKETBALL SCHEDULE

Dec. 8—Central Wesleyan at Rolla.  
Dec. 12—Drury at Springfield.  
Dec. 18—Cape Girardeau at Cape Girardeau.  
Jan. 8—Drury at Rolla.  
Jan. 9—Kirksville at Rolla.  
Jan. 15—Springfield at Rolla.

Jan. 29—Warrensburg at Rolla.  
Feb. 5—Maryville at Rolla.  
Feb. 8—Warrensburg at Warrensburg.  
Feb. 16—Maryville at Maryville.  
Feb. 19—Cape Girardeau at Rolla.  
Feb. 24—Springfield at Springfield.



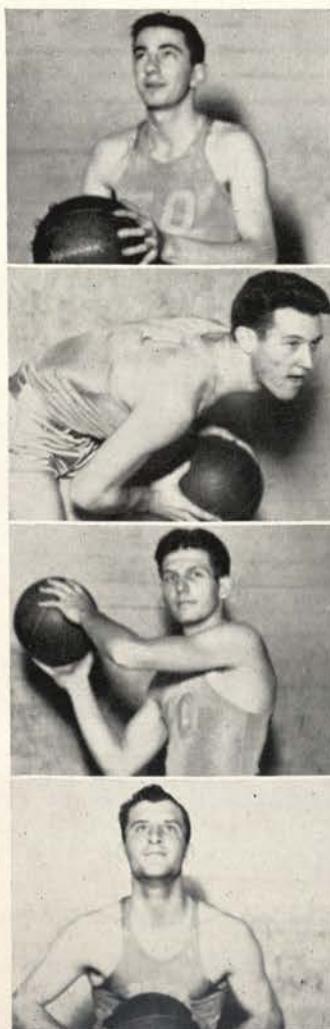
Kamper

Timberman

Carroll

Prange

Tittle



Lange  
Busch  
Spalding  
Ellis

## Basketball

Missouri Intercollegiate Athletic Association basketball proved to be too strong for the Miners during the 1936-37 season, and the best the Silver and Gold could do was to take fifth in the league standings.

The Miners, under the direction of Coach Elmer Kirchoff, won two conference games, both from Kirksville, and one non-conference game from Central Wesleyan. Two close games were lost to St. Louis University.

The Warrensburg team won the M. I. A. A. championship and Maryville was close behind. Incidentally the Warrensburg team averaged 6'3" in height.



## Track

As we go to press the Miners have competed in the M. I. A. A. indoor, and two dual meets, and besides the M. I. A. A. outdoor meet to be held at Cape Girardeau, have two more dual affairs on their schedule.

Opening the season right after St. Pat's, the Miners, along with five Teachers' Colleges, took over Brewer Field House at Columbia for one night, and the running off of the annual track and field meet went smoothly.

The Cape Girardeau Indians annexed the affair, followed closely by Springfield. Maryville finished in third place while the Miners were close behind on the fourth rung. Warrensburg wound up the list on the bottom.

Norman Tucker, midget freshman, pulled the surprise of the meet by winning the two-mile run from his team mate, Buran "Red" Brown. George Fort, another freshman, took a second place in the mile, while veteran Bob Lange was credited with a second in the high jump.

The meet was marked by scarcity of freshmen on the Teacher's team and from all appearances the M. I. A. A. is due to lose its all-around strength in track during the coming years. On the other hand almost a third of the Miner team are yearlings, and the future looks promising.

Westminster was defeated rather handily by the Miners in the first outdoor meet, all the Silver and Gold performers coming through in fine style. Before the meet, Dorse Bishop, senior from Illinois was elected to Captain the team for the season. Bishop then celebrated by winning the 220-yard low hurdles.





CAPTAIN BISHOP

Dorse Bishop, who came to M. S. M. from Robinson, Ill., has run for the Miners for four years and has been a consistent winner in the 220-yard low hurdles.

## Track

In the other dual meet, St. Louis pulled an upset in defeating the Miners, 69-62, by winning the mile relay—the last event on the program. The Miners were strong in the distance runs but only fair in the dashes and it was there that St. Louis piled up their points. Bob Lange, whose marks in the high and broad jump, were much better than the winning height and distance in the dual affair was on a senior trip and the Billikens were able to take both of these events. Taese ten points that were lost by the Miners would have made quite a different in the final count.

The following men are outstanding in their events: Hurdles—Bishop, Mitch and Carver; Dashes—Bochanek and Ladd; Medium Distance—Tuckett, Nickel, Barrett and Ballmann; Distance Runs—Tucker, Brown, and Fort; Pole Vault—Blesh; High and Broad Jump—Lange, Ladd and Dryden; Discus and Shot—Wilson, Strawhun and Machens; Javelin—Machens and Morrow.

What the Miners will do in dual meets with Springfield and Drury remains to be seen. A prediction would find the Miners in third place in the M. I. A. A. outdoor meet.



## Swimming

Intercollegiate swimming was revived this year after a lapse of four years. Bill Neel took charge of the coaching. The team had a small number of meets this year and considering the fact that it had had no previous training, did quite well.

The first meet was with Westminster. The Silver and Gold took only one first, that, in the two hundred yard free style. The second meet was with the Jefferson City Junior College. In this meet, the Miners placed first in the one hundred yard breast stroke, Jim Miller doing the swimming. Howard Gibbons, who had won the two hundred yard free style in the Westminster meet, again came in first in that event. Swimming against Westminster again, the Miners took one first, in the one hundred yard breast stroke and another in the one hundred and sixty yard relay. The return meet with Jefferson City gave us two more firsts, the hundred yard breast stroke and the two hundred yard free style.

### SCHEDULE

Westminster at Westminster  
Jefferson City at Jefferson City  
Jefferson City at Rolla  
Westminster at Rolla

### MEMBERS

W. T. Burke; P. A. Dennie, "M"; J. Emery; H. T. Gibbons, "M"; C. G. Heslet, "M"; R. A. Jarboe; H. M. Katz; S. Kurtz, "M"; J. R. Long; J. G. Miller, "M," Captain-elect for 1938; J. J. O'Neill; W. T. Pearl; Sidney Peer; J. Rakaskas, "M"; R. Ridley.



## Rifle Club

This year a new idea was tried out in managing and maintaining the rifle team. The Class of '40 brought in such a large number of embryo shooters, and some good ones, that it was decided to form a Rifle Club, instead of having just the team. The ranges were open every afternoon of the week for practice, reserving Thursday and Friday afternoons for the matches, and team practice. During the supervised practice periods, the new men were taught the finer points of shooting, and a record of their scores were made. If their practice scores showed consistent improvement, and upon outshooting any of the team members, they stepped into a place on the team and the displaced regulars were relegated to the Club.

The Rifle Club is the only self-sustaining sports organization on the campus. The members of the Club made it possible to either take a trip to a shoulder-to-shoulder meet, or to purchase some new equipment. Upon taking a vote, it was decided to forego the pleasure of a trip in preference to buying some new equipment.

### OFFICERS

President	S. R. PRICE
Secretary-Treasurer	W. P. REUMMLER
Manager	C. G. HESLET
Captain	F. K. VOGT
Coach	SERGEANT BERTRAM

### MEMBERS

Brewer, W. F.	Oleott, E. L.
Evans, J. D. F.	Price, S. R.
Ford, W. A.	Smith, H. M.
Heslet, C. G.	Shores, A. K.
Holz, W. L.	Ruemmler, W. F.
Klug, R. J.	Vogt, F. K.
McCarty, J. W.	Wilder, H. L.
Maloney, W. G.	Wilhite, K. T.
Miller, J. G.	

## Intramural Sports

### INTRAMURAL TRACK

Four records were broken and three were tied as the Sigma Nu's swept through the Intramural Track and Field Meet to win with a total score of 49 points. Far behind followed the Senior Independents with 18 points; Kappa Sigma and the Sophomores with 17 points each. All the other teams were badly out-classed.

The high point man was Taylor, Sigma Nu, who garnered 20 points while breaking the shot put record and tying the 100-yard dash, the 50-yard dash, and the high point record.

### SUMMARIES

50-Yard Dash—Taylor, Sigma Nu. Time :5.6.  
(Ties record.)

100-Yard Dash—Taylor, Sigma Nu. Time :10.5.  
(Ties record.)

220-Yard Dash—Weber, Kappa Sigma. Time :25.0.

440-Yard Relay—Won by Sigma Nu. Time :49.6.

880-Yard Relay—Won by Kappa Sigma. Time 1.43.0.

120-Yard Low Hurdles—Weber, Kappa Sigma. Time :14.8. (New record.)

60-Yard High Hurdles—Lintner, Senior Independents. Time :8.9.

Pole Vault—Lintner, Senior Independents. Height 11 ft. 3 in. (New record.)

Broad Jump—Taylor, Sigma Nu. Distance 19 feet 9 inches.

High Jump—Frost, Sigma Nu. Height 5 ft. 5 in.

Discus Throw—Lintner, Senior Independents. Distance 109 feet 7 inches.

Javelin Throw—Marrow, Sophomore. Distance 165 ft. 5 in. (New record.)

Shot Put—Taylor, Sigma Nu. Distance 37 ft. 10 in. (New record.)

### INTRAMURAL SWIMMING

The Sigma Nu's turned out the superior swimming team this year by winning the intramural meet. The victors took two firsts in the seven events of the meet, Hoffman winning the 100-yard breast stroke and the 160-yard relay team coming out on top.

The junior independents edged out the Lambda Chi's for second place by a score of 28 to 21. Fernandez of the Junior team was high point man of the meet with two firsts, one in the 40-yard free-style, and another in the fancy diving event. The freshmen and Triangles brought up fourth and fifth place with scores of 18 and 17 points, respectively.

### SUMMARIES

160-Yard Relay—Sigma Nu. Time 1:38.7.

120-Yard Medley—Triangle. Time 1:27.9.

Diving—Fernandez, Junior Independent.

40-Yard Dash—Fernandez, Junior Independent. Time :22.4.

100-Yard Breaststroke—Hoffman, Sigma Nu. Time 1:36.3.

100-Yard Backstroke—Axthelm, Freshman. Time 1:33.6.

100-Yard Free Style—Kuhlman, Junior. Time 1:14.5.



## Intramural Sports

### INTRAMURAL WRESTLING

This year marks the second year of intramural wrestling and there was a definite increase in interest shown by the number of entries. Approximately forty-five men were entered this year.

The Sigma Nu's came out on top for the second successive year. They totaled the sum of 36 points, most of them in the preliminary matches, and managed to have an entry in the finals of every event, except the two light weight divisions.

Trailing the Snake House boys, with thirteen points, came the Freshman Independents team. They placed men in both of the heavy weight division finals, Axthelm took the crown in the 175 pound class and Joe Strawhun took the heavy weight division.

Points were scored by falls entirely and by reaching the finals. Each fall scored one point, three points were scored for reaching the finals and five for winning the weight division.

### FINALS

118-Pound—Shanfeld vs. Heinecke; Shanfeld. Fall :49.

126-Pound—Bishop vs. Gund; Bishop. Time advantage 5:18.

135-Pound—Carver vs. Emery. Over time.

145-Pound—Shores vs. McCrae; Shores. Fall 1:36.

155-Pound—Dickenson vs. Ellis; Dickenson. Time advantage 6:50.

165-Pound—Loveridge vs. Simpson; Loveridge. Fall :13.

175-Pound—Axthelm vs. Frost; Axthelm. Fall 3:41.

Heavy Weight—Flanary vs. Strawhun; Strawhun. 1:57.

### INTRAMURAL BASKETBALL

The feature of this year's intramural basketball season was the steady playing of the Junior Independents. They won eleven games and lost none, thereby winning the championship.

An all star team was picked and consisted of Blish from the Lambda Chi's, and Underwood from the sophomores as forwards; Ellis from the Junior Independents as center; Middaugh from the Triangles and Murphy from the Junior Independents as guards. Middaugh was appointed captain of the team.

The highest scorer was Tuckett, Sophomore Independent, who scored ninety points during the season.

### FINAL STANDINGS

	WON	LOST	PCT.
Junior Independents	11	0	1.000
Sophomore Independents	10	1	.910
Freshman Independents	8	3	.727
Triangle	8	3	.727
Pi Kappa Alpha	6	5	.545
Sigma Pi	5	6	.455
Lambda Chi	5	6	.455
Senior Independents	5	6	.455
Sigma Nu	5	6	.455
Kappa Sigma	1	10	.091
Alpha Lambda Tau	1	10	.091
Theta Kappa Phi	1	10	.091

### INTRAMURAL HANDBALL

The handball tournament was run off by a series of elimination games in both the singles and doubles. The winners of the double tournament were Herzog and O'Connell, Theta Kappa Phi; the runners up were Lewin and Alger of the Kappa Sigma's. The winner of the singles matches was Herzog, Theta Kappa Phi; runner up was Ellis, Sigma Nu.



Bentley

Scheer

## Athletic Association

The chief purposes of the Athletic Association at the School of Mines are the taking care of all athletic equipment and the performing of any work connected with the athletic department. This service is also extended to visiting athletic teams from other schools. The policies of the Association are regulated by a board of Control consisting of Coach Grant, Prof. C. Y. Clayton, and Mrs. Jackson who is business manager of the school. The Athletic Association plays a very important part in the field of sports at M. S. M. and the present organization is to be commended for the efficiency of its work of the past season.

### OFFICERS

Harold Bentley	President
Bud Scheer	Business Manager

Juniors
Long, Jack
Kuhlman, Harry

SOPHOMORES
Lyon, L. S.
Stewart, R. M.

FRESHMEN	
Buck, W.	Kelly, T. W.

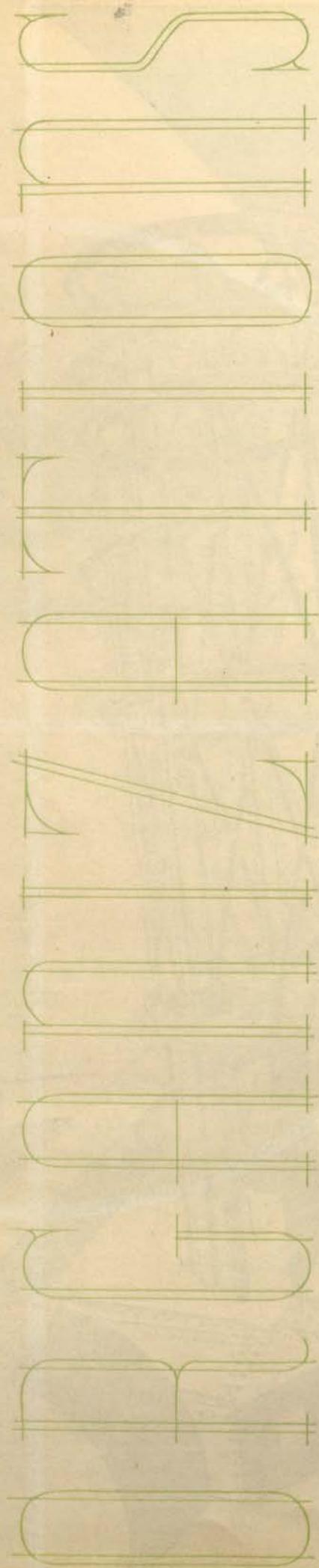


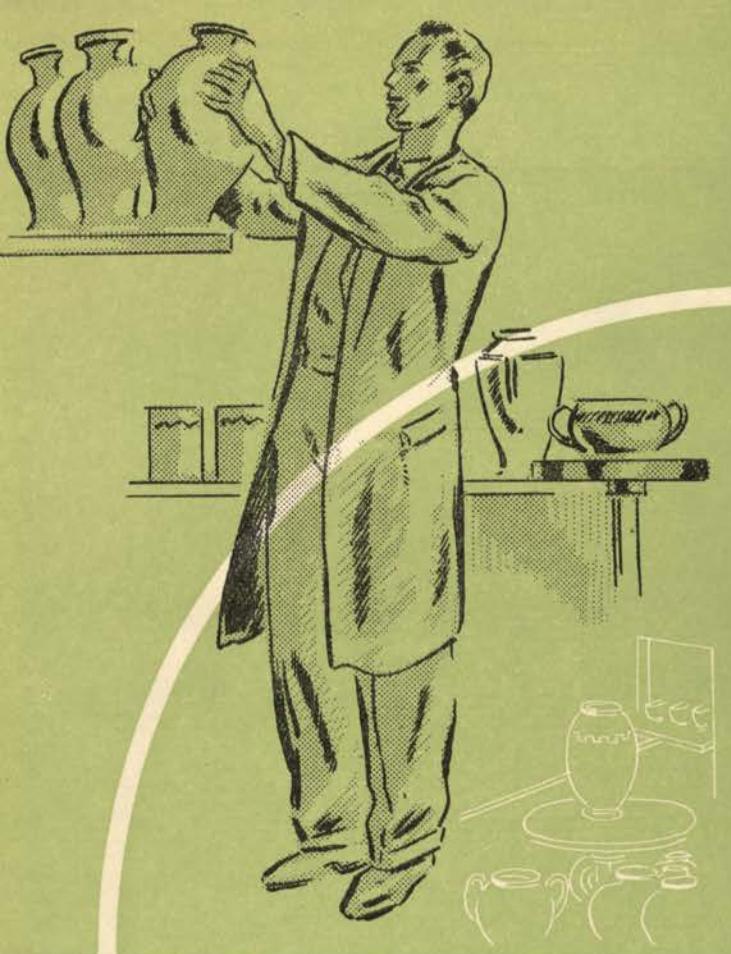
# ENGINE

The chief purpose of the engine room is taking care of a large number of students with the athletic activities. It is also responsible for other school sports. The engine room has a central control consisting of a manager and a chief engineer. The manager of the school is responsible for the field of sports at the school. The chief engineer is responsible for the efficiency of its various parts.

Ha  
Bue

Lor  
Ku





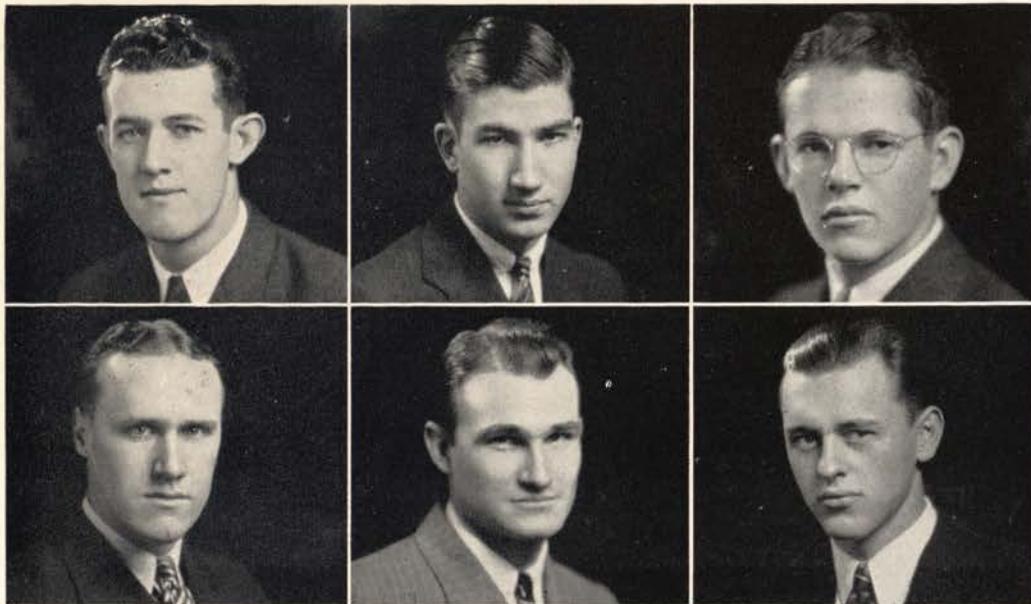


THE 1937 POLLAMO

Honorary  
—  
Professional



# ENGINEERING DEVELOPMENT



Left to right: Top Row: Busch, Bruer, Culbertson.  
Bottom Row: Hausmann, Logan, Volz.

## Phi Kappa Phi

Phi Kappa Phi is an honor society composed of professors, graduates, and undergraduates elected from all departments of the university. The essential requirement for membership is high scholarship coupled with character and service.

The M. S. M. chapter was founded in 1920 and has been active since that time. Membership is limited to the upper ten percent of the graduating class.

Recently the practice of awarding bookplates to the upper 15 per cent of each class has been adopted, and this custom has met with great favor by the students who find in the rewards encouragement to do better work. The awards are made at the beginning of each school year.

### OFFICERS

President	C. M. DODD
Vice-President	V. P. CAGG
Secretary-Treasurer	PAUL HOWARD
Journal Correspondent	R. M. RANKIN

### FACULTY MEMBERS

Armsby, H. A.	Fulton, C. H.	Muilenburg, G. A.
Bardsley, C. E.	Hanley, H. R.	Rankin, R. M.
Barley, J. W.	Henning, O. A.	Schrenk, W. T.
Butler, J. B.	Howard, Paul	Stepenson, E. A.
Carlton, E. C.	Jackson, R. O.	Williams, R. Z.
Clayton, C. Y.	Kershner, K. K.	Willson, J. M.
Cagg, M. H.	Mann, C. V.	Woodman, L. E.
Frame, F. H.		Dodd, C. M.
	ASSOCIATE H. C. Beckman Student	

Alger, R. P.	Culbertson, W. W.	Volz, E. W.
Breuer, W. F.	Hausman, A. P.	Woodward, J. B.
Busch, W. C.	Logan, E. W.	



## THE 1937 ROLLAMO



Left to Right: Top Row: Alexander, Bruer, Busch, Carolla, Culbertson, Cardetti.  
Second Row: Frame, Lanier, Holman, Hausmann, Luder.  
Third Row: Logan, Post, Price, Scheckler, Tyrrell, Volz.

### Tau Beta Pi

Tau Beta Pi is an honor engineering fraternity whose aims and goals are truly expressed by this preamble: "To mark in a fitting manner those who have conferred upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates or by their attainments as alumni; and to foster a spirit of liberal culture in the Engineering schools of America."

The Society of Tau Beta Pi was founded at Lehigh University. The M. S. M. chapter was founded on December 21, 1906, and has been active since that time.

Each year it elects to membership those members of the graduating class who have ranked high scholastically and have participated in extra-curricular activities as well.

#### OFFICERS

President.....	S. R. PRICE, JR.
Vice-President.....	W. C. BUSH
Corr. and Recording Sec.....	W. W. CULBERTSON
Cataloguer.....	W. C. ZEUCH
Treasurer.....	D. J. WALSH

#### FACULTY MEMBERS

Bards'ey, C. E.	Hanley, H. R.	Mullenburg, G. A.
Clayton, C. Y.	Jackson, R. O.	Rankin, R. M.
Fulton, C. H.	Kershner, K. K.	Walsh, D. F.
Garrett, L. E.	Mann, C. V.	Williams, R. Z.
Zeuch, W. C.	Forbes, C. R.	

#### STUDENT MEMBERS

Breuer, W. F.	Price, S. R., Jr.	Carroll, R. R.	O'Neal, J. W.
Busch, W. C.	Volz, E. W.	Frame, J. W.	Scheckler, K. F.
Culbertson, W. W.	Neel, W. O.	Hausman, A. P.	Tyrell, M. E.
Logan, E. W.	Alexander, M. S.	Holman, O. K.	Woodward, J. B.
Luder, W. E.	Cardetti, R. J.	Jenni, P. A.	Post, S. S.
		Lanier, E. B.	

# ENGINEERING DEVELOPMENT



Left to Right: Top Row: Bruer, Barclay, Busch, Bochenek, Carroll, Donnelly, Dickinson, Ellis, Evans.  
 Second Row: Frame, Heslet, Holz, Luder, Lanier, Logan, LeGrand, Mueller, Maloney.  
 Third Row: Moore, Phillips, Prange, Post, Robertson, Ruemmler, Scheckler, Seibel, Taylor.

## Theta Tau

Theta Tau is a national professional engineering fraternity, founded at the University of Minnesota, October 15, 1904. It has twenty-three chapters of which the Iota Chapter at the Missouri School of Mines was the eighth to be chartered. The present chapter was established February 5, 1916.

Only undergraduate students regularly enrolled in approved engineering courses are eligible for election to Theta Tau. It is not an honorary fraternity but one which chooses its members from those considered as having superior engineering ability. It is the purpose of Theta Tau to promote and maintain a high standard of professional interest among its members.

### OFFICERS

Faculty Advisor	DR. C. V. MANN
Regent	E. W. LOGAN
Vice-Regent	W. C. BUSCH
Scribe	W. LUDER
Treasurer	A. A. PHILLIPS
Inner Guard	J. W. FRAME
Outer Guard	W. F. BREWER
Corresponding Secretary	E. B. LANIER

### MEMBERS

Scheckler, K. F.  
 Busch, W. C.  
 Prange, H. L.  
 Seibel, R. C.  
 Carroll, J. F.

Evans, J. D. F.  
 Phillips, A. A.  
 Wilkey, R. W.  
 Lanier, E. B.  
 Robertson, Cecil  
 Moore, J. C.

Ellis, J. C.  
 Frame, J. W.  
 Reummller, W. P.  
 Donnelly, W. L.  
 Logan, J. R.  
 Holz, W. L.

Luder, W. E.  
 Barclay, A. H.  
 Mueller, F. M.  
 Taylor, M. W.  
 Brewer, W. F.

### INITIATES

Heslet, C. G.  
 Short, J. A.

Bochenek, A. F.  
 Maloney, W. G.  
 LeGrand, J. S.

Dickinson, G. W.  
 Post, S. S.



Left to Right: Top Row: Berger, Ballman, Cunningham, Cardetti, Volz.  
 Second Row: Cherry, Conrad, Crecelius, Day, Hausmann.  
 Third Row: Jenni, Maise, Schrenk, Sabine, Thompson.

## Alpha Chi Sigma

The Alpha Chi Sigma fraternity was organized at the University of Wisconsin, December 11, 1902. Since that time the growth of the society has been rapid and there are now fifty-two student chapters and twenty-two professional chapters located in the larger cities of the country.

The objects of the fraternity are three-fold: to bind its members in a tie of true and lasting friendship; to strive for the advance of chemistry both as a science and a profession; to aid its members in the attainment of their ambitions as chemists.

The M. S. M. chapter was installed May 2, 1936, as the fifty-second chapter of Alpha Chi Sigma.

### OFFICERS

President.....	E. W. VOLZ
Vice-President.....	R. J. CARDETTI
Secretary.....	H. C. BERGER
Treasurer.....	C. R. MAISE

### PROFESSORS

Day, Dr. T. G. (Alumni Sec'y)  
 Monroe, Dr. C. J.  
 Schrenk, Dr. W. T. (Sponsor)  
 Kershner, K. K.

### GRADUATES

Sabine, J. S  
 Maise, C. R.  
 Bay, L. A.

### STUDENT

#### ACTIVES

Berger, H. C.  
 Cardetti, R. J.  
 Hausman, A. P.  
 Jenni, R. A.  
 Volz, E. W.

#### PLEDGES

Youngbluth, R. L.  
 Cherry, R. P.  
 Pearl, W.  
 O'Hara, L. M.  
 Ballman, E. A.

# ENGINEERING DEVELOPMENT



Left to Right: Top Row: Appleyard, Bliss, Ellis, Frame, Goelkel.  
Second Row: Grewis, Holz, Holman, Jarrett, Kaley  
Third Row: Lange, Long, Murphy, Nickel, Schmidt, Steinmetz.

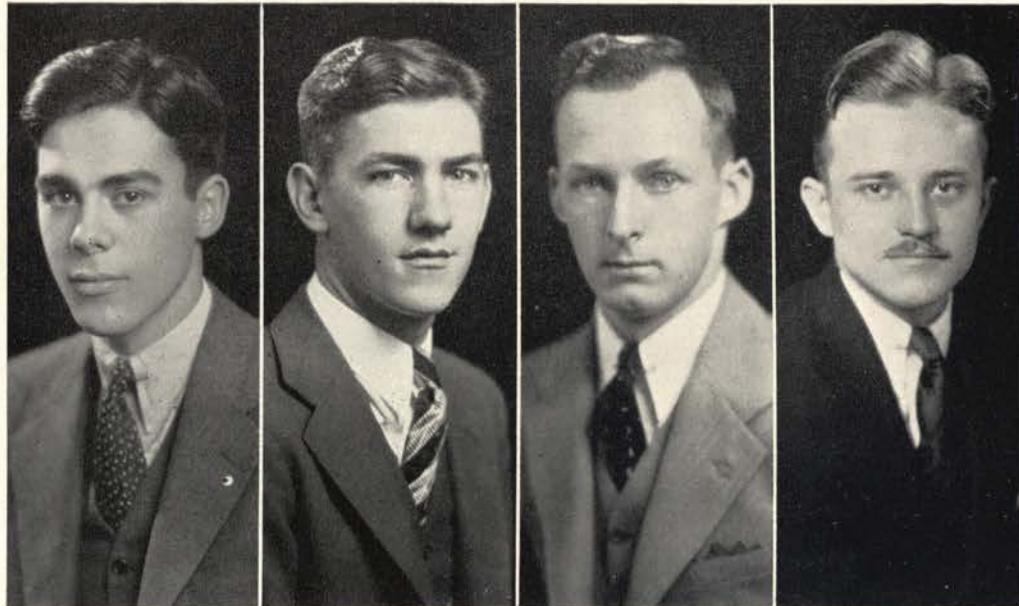
## Blue Key

Blue Key is a national, honorary, non-social fraternity. The present organization is an outgrowth of the old local Satyr Society. The local chapter of Blue Key was installed in 1931.

The cardinal principle of Blue Key is Service. Its services are: the printing of sports programs, compiling of student directories, promotion of campus activities and similar services which promote a greater feeling of school spirit.

### OFFICERS

President	R. R. KALEY
Vice-President	O. K. HOLMAN
Corresponding Secretary	R. C. LANGE
Recording Secretary and Treasurer	R. C. SCHMIDT
Alumni Secretary	



Hill

Long

Maloney

Maise

## Alpha Psi Omega

Alpha Psi Omega is the national honor dramatic fraternity. The Alpha chapter was founded at Fairmont State College, Fairmont, West Virginia.

The School of Mines cast, Delta Pi, was granted a chapter in the early part of May, 1934, and replaced the organization known as the M. S. M. players.

Membership in the local chapter is limited to students and faculty of the School of Mines who have taken part in two plays, and to persons, who, because of their extraordinary interest in dramatics, have been granted honorary membership.

### OFFICERS

Director.....	JOHN R. LONG
Vice-Director.....	CLEMENS R. MAISE
Secretary-Treasurer.....	EUGENE F. HILL
Faculty Advisor.....	PROF. G. O. RANES

### MEMBERS

Dallmeyer, Ray D. Hill, Eugene F. Haymes, Kay Long, John R. Maise, Clemens R.	Mooney, Joseph W. Simpson, A. W. Tyson, Mary E. Ranes, Prof. G. O. Sands, Dorothy McCaw, Emily
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## The Orten Society

The Orten Society, comprised of students of Ceramic Engineering was founded on the M. S. M. campus in 1927. The purpose of the organization is to create a closer bond of fellowship among members of the ceramics department, and to do this, the Society has sponsored meetings at which motion pictures of the industry are shown and talks given by prominent members of the ceramics industry. Although the Orten Society limits its membership to those who are connected with the department, it is the desire of the department that all students of Ceramics should become members of the Society.

### OFFICERS

President-----	M. E. TYRELL
Vice-President-----	M. E. GREEN
Secretary and Treasurer-----	K. F. SHECKLER

### MEMBERS

Tetley, A. L.  
Elliott, H. F.  
Plange, T. A. M.

Wonn, F.  
McKee, R. J.



## Ira Remsen Society

The Ira Remsen is a society of students that are interested in extending the knowledge of chemistry to the students on the M. S. M. campus. The society was founded in October, 1923, and has been an active student organization since that time.

The society does not limit its membership to students of Chemical Engineering but offers membership to all who are interested in Chemistry. Meetings are held twice a month at which time men who are connected with the chemical industry speak to the group. These talks are very instructive as well as entertaining and give the student an idea of what the business world expects of an employe.

### OFFICERS

President-----	H. J. KUHLMAN
Vice-President-----	E. F. MILL
Secretary and Treasurer-----	L. A. BAY

### LIST OF MEMBERS OF IRA REMSEN

**SOPHOMORES**  
 Brand, G. E.  
 Clancy  
 Adams, J. C.  
 Claridge, E. L.  
 Cutshall, H. W.  
 Dallmeyer, R. D.  
 Elliot, E. E.  
 Glatthaar, J. C.  
 Gruber, L. J.  
 Grimm, R. E.  
 Harsell, T. L.  
 Johnson, L. R.  
 Maltby, G. E.  
 Moore, J. W.  
 McDonald, J. R.  
 Pearl, W. T.  
 Rea, W. R.  
 Runyan, B.  
 Schifter, E. S.  
 Stewart, R. M.  
 Stojeba, T. S.  
 Whitman, G. M.  
 Zvanut, C. M.

**JUNIORS**  
 Ballman, E. A.  
 Dunlap, W. B.  
 Hill, E. F.  
 Johnson, S. E.  
 Kuhlman, H. J.  
 Lintner, C. J.  
 McCutchen, J. H.  
 O'Hang, L. M.  
 Pipkin, P. H.  
 Simpson, E. W.  
 Wonn, F. A.  
 Youngbluth, R. L.

**SENIORS**  
 Breger, H.  
 Carditti  
 Cherry, R. P.  
 Cunningham, R. L.  
 Hausman, A. P.  
 Jenni, P. A.  
 Lange, R. C.  
 Reading, G. R.  
 Schaumberg, G. W.  
 Schmidt, R. C.  
 Silver, P. E.  
 Vogt, F. K.  
 Volz, E. W.  
 Weaver, J. B.

**GRADUATES**  
 Bay, L. A.  
 Boyd, H. E.  
 Maise, C. R.  
 Parker, R.  
 Thompson, H. G.  
 Sabine, J.

**FACULTY**  
 Schrenk, Dr. W. T.  
 Day, Dr. T. G.  
 Monroe, Dr. C. J.  
 Conrad, Dr. F. H.  
 Kershner, K. K.

# ENGINEERING DEVELOPMENT



## Missouri Mining and Metallurgical Association

Affiliated with the  
American Institute of Mining and Metallurgical Engineers

The manifold objects of the Missouri Mining and Metallurgical Association (which is affiliated with the American Institute of Mining and Metallurgical Engineers) are to advance the knowledge of mining among its members, to promote good fellowship among the students and alumni of the School of Mines and others interested in mining and to bring the school into closer contact with the mining profession at large.

The association is addressed by prominent members of the mining profession who bring the latest developments of the practical side of mining to them.

The association's affiliations make it possible for its members to become junior members of the A. I. M. M. E.

### OFFICERS

President	A. H. BARCLAY
Secretary	G. W. DICKINSON
Treasurer	J. D. F. EVANS
Faculty Adviser	PROF. C. R. FORBES

### FACULTY MEMBERS

Prof. C. R. Forbes	Prof. D. F. Walsh
Dr. G. A. Muilenburg	Dr. O. R. Grawe
Dr. E. A. Stephenson	Prof. F. H. Frame

### STUDENT MEMBERS

Culbertson, W. W.	McCrae, F. T.	Clayton, C. L.
Carroll, J. F.	Dickinson, G. W.	Prough, R. G.
Brecke, C.	Scafe, R. J.	Reese, R. C.
Riley, M.	Post, S. S.	Curtis, I. E.
Neal, C.	Wolfe, B. J.	Nickel, M. E.
Taylor, M.	Evans, J. D. F.	Stewart, R. S.
Casteel, L. W.	McCloskey, J. R.	Johnson, E. II.
Barclay, A. H.	Ruemmler, W. P.	Holman, O. K.
Glendenning, W.	Alger, R. P.	Millard, F. S.
Morrison, F.	Brune, A. W.	



## The American Society of Civil Engineers

The American Society of Civil Engineers is now completing its fourteenth year on the M. S. M. campus, having been organized in November, 1923, by the Junior and Senior Civil Engineering students with the aid of Professor Butler. The membership was originally limited to Juniors and Seniors but was later extended to Freshmen and Sophomores who intended to receive a degree in Civil Engineering. The meetings generally bring before the society speakers of proven ability who show the members the practical side as well as the theoretical side of their chosen field.

### OFFICERS

President.....	R. L. ELGIN
Vice-President.....	E. B. LANIER
Secretary-Treasurer.....	W. F. BREUER
Faculty Adviser.....	PROF. J. B. BUTLER

### SENIOR MEMBERS

Bentley, H. R.	Fenwick, C. L.	Smart, M. K.
Bishop, P. S.	Gould, E. P.	Stogsdill, H. G.
Bommer, T. J.	Grafft, L. E.	Wilkey, R. W.
Breuer, W. F.	Grewis, O. E.	Woodward, J. B.
Carolla, R. R.	Harwell, G. A.	Holtman, O. J.
Dewey, J. M.	Heslet, C. G.	Grimm, D. F.
Elgin, R. L.	McClanahan, A. L.	

### JUNIOR MEMBERS

Cornet, R. C.	Scarborough, R. L.
Freidank, R. D.	Short, J. A.
Kelsey, E. E.	Sibert, K. V.
Lanier, E. B.	Stokes, H.
Murphy, J. H.	Wolf, H. C.
Prange H. L.,	Wilkinson, R. L.

### SOPHOMORE MEMBERS

Bursten, A. H.	Mussel, W. E.
Horky, W. F.	Pohlmann, E. F.
Livingston, J. H.	Soult, J. P.
Livingston, R. G.	Sturges, H. D.
Miller	Tuckett, K. H.

# ENGINEERING DEVELOPMENT



## The A. I. E. E.

The American Institute of Electrical Engineers was founded in April, 1884, by Mr. R. S. Keith, in New York City. The society was organized for "the advancement of the theory and practice of electrical engineering, and of the allied sciences."

The student branch at M. S. M. was approved by the Institute in March, 1925.

### OFFICERS

Chairman	EDWIN W. LOGAN
Vice-Chairman	WILLIAM C. BUSCH
Secretary	ROBERT C. SEIBEL
Treasurer	JESSE S. LEGRAND

### EXECUTIVE COMMITTEE

John McLaughlin      Roy Matthews      Leroy Smith

### FACULTY ADVISOR

Prof. I. H. Lovett

### MEMBERS

Balke, John P.  
Baxter, Thomas L.  
Busch, William C.  
Jarrett, Walter R.  
Logan, Edwin W.  
McLaughlin, John W.  
Muller, Albert L.  
Porter, Carl V.  
Vahle, John F.  
Cornutt, Clarvel R.  
Ford, William A.  
Gates, Ancel  
Gibson, Melburn A.  
Glaser, Allen M.  
Jarboe, Rupert A.  
Keoppel, Beverly W.

LeGrand, Jesse S.  
McCurdy, Belding H.  
Matthews, Roy W.  
Mueller, Fred M.  
Seibel, Robert C.  
Smith, Hueston M.  
Thompson, Frederick W.  
Walley, Omar C.  
White, Warren D.  
Smith, Leroy E.  
Thompson, Edgar C.  
Troutner, Forrest T.  
Wadlin, Kenneth L.  
Walther, George C.  
Clapp, George A.  
Compton, Basil C.

Dianosich, Charles S.  
Donaldson, Richard F.  
Elliott, Lewis C.  
Ellis, William R.  
Fillmer, Howard H.  
Haviland, Robert P.  
Hynes, Richard R.  
Katz, Howard M.  
Lawley, Fred E.  
Mann, Robert L.  
Miller, Harold C.  
Moore, Parnell J.  
Pinney, Dawson C.  
Sander, Vernon A.  
Yeater, Max L.

THE 1937 ROLLAMO

Publications  
—  
Military



ENGINEERING  
DEVELOPMENT

# ENGINEERING DEVELOPMENT



O. K. HOLMAN

EDITOR-IN-CHIEF

## THE 1937 ROLLAMO Engineering Development Edition

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Howerton, J. H.  
Jarrett, W. R.  
Simpson, E. W.  
Thompson, F. W.

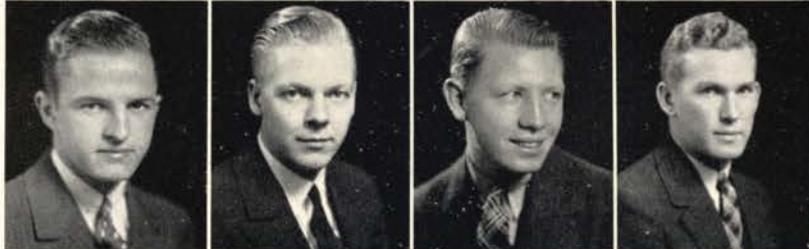


# THE 1937 ROLLA MO

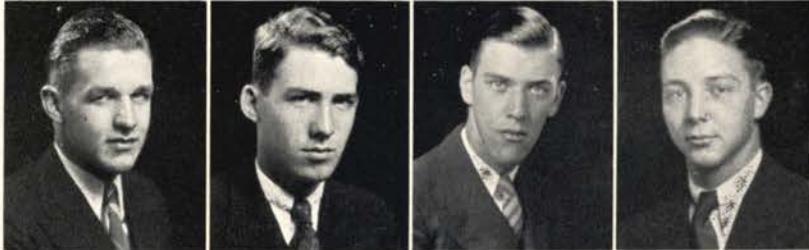
Cameron  
Gardner  
Hill  
Holman



Howerton  
Jarrett  
Miller  
Murphy



Prough  
Rea  
Silver  
Simpson



Thompson  
Tittle



The Rollamo Board has as its sole purpose the composing and publishing of the Rollamo, not only for the students, but for the alumni, and anyone who is interested in a history of the school year.

Election to the Board is possible only for those who have fulfilled their tasks to the satisfaction of the Board. Tryouts are usually taken from the Sophomore Class because much of the work requires a knowledge of the campus that can hardly be expected of a first year man.

In our effort to produce a true cross-section of the campus activities, we have drawn upon words and pictures in equal measure. We hope that you will enjoy this, the 1937 Rollamo, as much today as you will in the years to come.

# ENGINEERING DEVELOPMENT



W. R. JARRETT  
EDITOR-IN-CHIEF

## The Missouri Miner Staff

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### CIRCULATION

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Tyrrell, M. E. O'Hara, L. M.

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Silver, P. E. Claridge, E. L.  
McCloskey, J. R. Kidd, H. S.  
Compton, B. C. Johnson, E. H.  
Glatthaar, J. R.

FACULTY ADVISER  
Dr. J. W. Barley



R. G. PROUGH  
BUSINESS MANAGER

Alexander  
Bliss  
Crecelius  
Evans



Goelkel  
Holman  
Tyrrell  
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Kuhlmann  
Lange  
Lyon  
McCloskey



McCurdy  
Moore  
Peukert  
Prough



Ruemmler  
Silver  
Simpson  
Steinmetz  
Tittle



## The Miner Board

The Missouri Miner is a weekly paper published entirely by the students in the interests of the Alumni, Students and Faculty. The policy of the paper is to print the news and editorials of general school interest without showing partiality to any group or individual. The chief purpose is to work for the upbuilding of the school and for the promotion of goodwill among students, faculty, and organizations.

The group of students who publish the Miner compose the Miner Board. These students are chosen by election only after they have proven their merit in one of the departments of the organization.

Officers and new members are elected by members of the Board in the spring of the year.



## The Reserve Officers Training Corps Unit

"To form a more perfect union, establish justice, insure domestic tranquility, provide for the common defense, promote the general welfare, and secure the blessings of liberty," this, from the preamble to the Constitution of the United States, is the basis of our policy of national defense.

The Reserve Officers Training Corps unit at the School of Mines was established in March, 1919, and was made permanent by the National Defense Act of 1920 which was passed to remedy the condition made apparent by the World War that the regular army was unable to furnish enough officers in time of war. The R. O. T. C. is a corps of young men in our schools and colleges undergoing military training to fit them for positions of commissioned and non-commissioned officers in the organized reserves.

### THE COURSE

Prior to graduation every student physically fit must receive two years' training in the Basic Course of Military Science and Tactics as applied to engineering troops. Freshman and sophomore classes are given instruction in fundamentals of military training including military history and policy, organization of the army, military obligations of citizenship, sanitation, weapons and musketry, map and aerial photograph reading, sketching, map making, rigging, scouting and patrolling, and combat principles. One-third of the time devoted to military training during the first two years is given to outside work in drill and command and engineering practice.

The object of the Advanced Course is to qualify the student for a commission in the Engineer Section of the Officers' Reserve Corps. The students in the Advanced Course receive instruction in explosives and demolitions, field fortifications, military roads and bridges, military transportation, military law, military history, administration, tactics of engineer troops, combat principles, and leadership and command. One-fifth of the time is devoted to engineering operations and drill outside the classroom.

The unit is organized as an engineer battalion of three companies and a band. Cadet officers above the rank of corporal are chosen from the students in the Advanced Course, and are chosen on the basis of individual efficiency and merit. Each year the unit is inspected by a visiting army officer and it has been highly commended on its training and discipline.



# THE 1937 ROLLA MO



Inspection

## OFICERS

## COMMAND AND STAFF

Cadet Major and Battalion Commander ----- PRICE  
Cadet Captain and Battalion Adjutant ----- LUDER  
Cadet First Lt. and Battalion Supply Officer KALEY

## COLORS

Crecelius  
Runyan

Mueller  
Ellis



Color Guard



## The Military Ball

The most spectacular social event of the year, with the exception of the St. Pat's celebration, was the annual Military Ball given by the members of the Advanced Engineers' Corps at Jackling Gymnasium, on February 13. The gym was elaborately decorated with red and white streamers, very appropriate for the occasion. The streamers were carried down from the center of the gym to form a canopy. At the far end of the gym was the dias, decorated with beautiful flowers and arranged for the coronation of the queen. At the opposite end of the gym was the platform for Wallie Berger's orchestra. The decorations, the formality of black and white in the crowd, and the dashing uniforms of the officers presented a brilliant setting.

The presentation of the queen began at 11:30 p. m. as beautiful girls marched with handsomely arrayed future generals to form an aisle leading to the throne. The first of the maidens to appear was the Battalion Maid of Honor, Miss Mildred Brown, who was escorted by Cadet W. Holz. The next to enter was Miss Margaret Stokes, Staff Maid of Honor, escorted by Cadet Captain and Adjutant W. E. Luder. Following in order were the maidens of the three companies: Miss Marie Prange, accompanied by W. C. Busch, Cadet Captain of A Company; Miss Emily McCaw, accompanied by K. F. Scheckler, Cadet Captain of B Company; and Miss Margaret Smith, accompanied by H. R. Bentley, Cadet in Company C. Then the rest of the officers and their dates completed the aisle. Through the aisle formed by the cadets and their dates, marched Miss Mary Virginia Stokes, escorted by Cadet Major S. R. Price. They were greeted by salutes and arched sabers. Major Gordon presented her with a bouquet, and with the Major and Cadet Major as escorts she returned through the aisle as the Queen of the Military Ball.



THE 1937 ROLLAMO

## Social Fraternities

ENGINEERING  
DEVELOPMENT

# ENGINEERING DEVELOPMENT



FOUNDED

University of Virginia 1868

ALPHA KAPPA

CHAPTER

Founded 1905

## Pi Kappa Alpha

### OFFICERS

President.....	R. C. LANGE
Vice-President.....	G. W. DICKENSON
Treasurer.....	K. F. SHECKLER
Secretary.....	T. L. HARSELL, JR.

### CHAPTER ROLL

Sheckler, K.  
Weaver, J. B.  
Lange, R. C.  
Holman, O. K.  
Baxter, T. L.  
Silver, P. E.  
Gould, E. P.  
Dickenson, G. W.  
Holtman, O. J.  
Kelsey, E. E.  
Turner, B. V.  
Goelkel, W. L. W.  
Steinmetz, H. O.  
McCloskey, J. R.  
Van Deventer, C. C.  
Blazovic, P.  
Harsell, T. L., Jr.  
Rea, William  
Sherman, H.  
Oberbeck, W. M.

### PLEDGES

Wildhagen, S.  
Enos, C. A.  
Marr, C.  
Nickerson, H.  
Miller, K. E.  
Mitsch, G. L.  
Carr, W. J.  
Wilder, H. L.  
Gund, Russell  
Spafford, J. E.  
Ridley, R. P.  
Clark, W. G.  
Straub, A.  
Maltby, E.  
Dennie, P.

THE 1937 ROLLAGO

Scheckler  
 Lange  
 Holman  
 Baxter  
 Silver



## Pi Kappa Alpha

The Pi Kappa Alpha fraternity was founded at the University of Virginia on March 1, 1868, by a group of young Civil War veterans headed by Frederick Southgate Taylor. The idea of forming this fraternity was first brought to mind after the battle of New Market, in which, as cadets of V. M. I., this group took an important part. However, their ideal was not realized until some years later at the University of Virginia.

Outstanding graduates of the Alpha Kappa chapter are: E. K. Needles, noted bridge engineer; R. G. Knickerbocker, a well known metallurgist; K. H. Radcliffe, a wealthy oil-well operator; Ira L. Wright, a prominent mining engineer, and H. T. Mann, professor at M. I. T. Members of the fraternity on the School of Mines faculty are W. C. Zeuch, M. D. Orten, and J. S. Cullison.

# ENGINEERING DEVELOPMENT



FOUNDED

University of Illinois

April 15, 1907

## MISSOURI MINES CHAPTER

Founded 1927

# Triangle

## OFFICERS

President.....	R. C. REESE
Vice-President.....	J. C. RADCLIFFE
Treasurer.....	R. G. PROUGH
Steward.....	J. R. GLATTHAAR
Secretary.....	R. R. HYNES
Corresponding Secretary.....	R. S. STEWART
Librarian.....	M. S. ALEXANDER

## CHAPTER ROLL

Reese, R. C.	Glattharr, J. R.
Grimm, D. F. R.	Johnson, E. H.
Alexander, M. S.	Hynes, R. R.
Thompson, H. G.	Taylor, F. N.
Smart, M. K.	Cutshall, H. W.
Radcliffe, R. C., III	Curtis, I. E.
Prough, R. G.	Claridge, E. L.
Nickel, M. E.	Stewart, R. S.
Cameron, C. V.	

## PLEDGES

Rector, G. E.	Dowling, P. T.
Kamper, H. V.	Spalding, J. V.
Hartman, W. J.	Doeringer, R. C.
Kiesler, A. J.	Volkmar, W. H.
Middaugh, L. E.	Dieffenbach, R. P.
Gibbons, H. T. F.	Burnett, R. W.

Kiesler  
 Volkmar  
 Dowling  
 Spalding  
 Kamper



Cutshall  
 Burnett  
 Doeringer  
 Reese  
 Dieffenbach



Hartman  
 Middaugh  
 Gibbons  
 Taylor  
 Cameron



Prough  
 Nickel  
 Alexander  
 Hynes  
 Curtis



Glatthaar  
 Johnson  
 Radcliffe



## Triangle

Triangle was founded at the University of Illinois on April 15, 1907, by a group of six civil engineering students. There are now fifteen chapters located at the outstanding engineering institutions of the United States.

The organization on this campus was originally the Grubstakers Club, one of the older local organizations, which was founded September 15, 1902. It was installed as the Missouri Mines chapter of Triangle on December 10, 1927. It is the only professional fraternity on the campus that maintains a chapter house, and in addition offers all the advantages of a social fraternity.

# ENGINEERING DEVELOPMENT



FOUNDED

Vincennes University

February 26, 1897

## ALPHA IOTA CHAPTER

Founded 1933

# Sigma Pi

## OFFICERS

President.....	G. A. HARWELL
Vice-President.....	R. C. TITTLE
Treasurer.....	S. R. PRICE
Secretary.....	I. J. VLAK

## CHAPTER ROLL

Harwell, G. A.	Pledges
Tittle, R. C.	Karter, W. K.
Price, S. R.	Washburn, E. L.
Ulak, I. J.	Rakaskas, J. E.
Livingston, R. G.	Jarboe, R. A.
Soult, J. P.	Mussell, W. E.
Gardner, R. L.	Krodinger, A. L., Jr.
Settle, J. C.	Dieter, K. L.
Vincent, J. A.	Smothers, W. J.
	Hall, R.
	Markley, J. S.

Gardner



Price



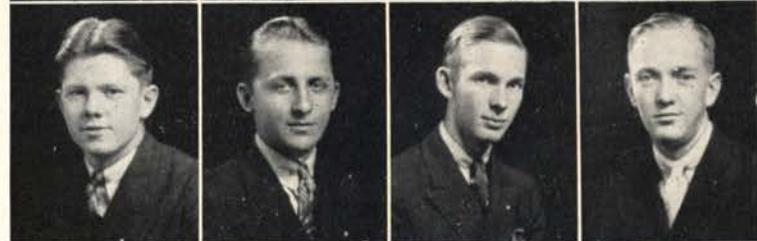
Jarboe



Sault



Rakaskas



Karter



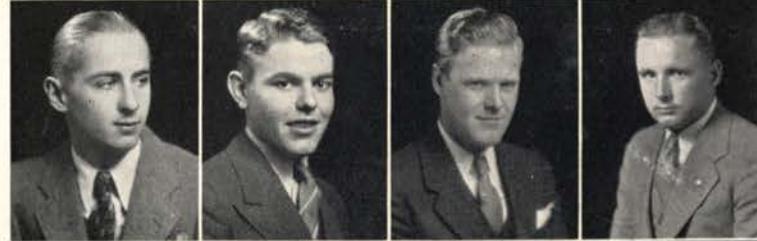
Washburn



Smothers



Tittle



Mussell



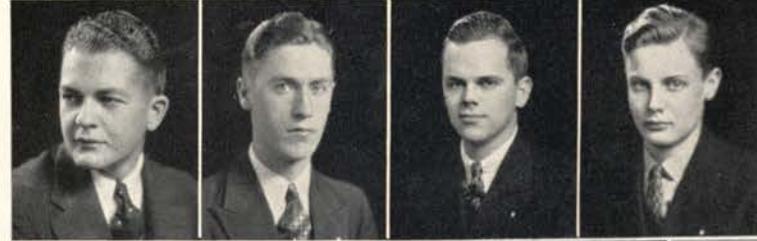
Settle



Howell



Vincent



Livingston



Krodinger



Markley



Ulak



Hall



Dieter



## Sigma Pi

The Sigma Pi Fraternity was founded on February 26, 1897 at Vincennes University, Vincennes, Indiana. Next to the Miami Triad, it is the oldest national fraternity originating west of the Ohio River. The Alpha-Iota Chapter at the Missouri School of Mines was installed April 29, 1933. This chapter was formerly known as the Prospector's Club. Sixteen upperclassmen of the School of Mines in 1913 founded and organized the Prospector Club. These men did not belong to any other social fraternity. "To foster good fellowship among its members, and frankly strive to promote the interest of the members and of the Missouri School of Mines" was their original constitution. It was recognized by the School of Mines in January, 1914.

# ENGINEERING DEVELOPMENT



FOUNDED

University of Boston

November 2, 1909

ALPHA DELTA ZETA

CHAPTER

Founded 1913

## Lambda Chi Alpha

### OFFICERS

President	R. R. KALEY
Vice-President	A. K. SHORES
Secretary	H. R. BENTLEY
Treasurer	R. BECKMAN

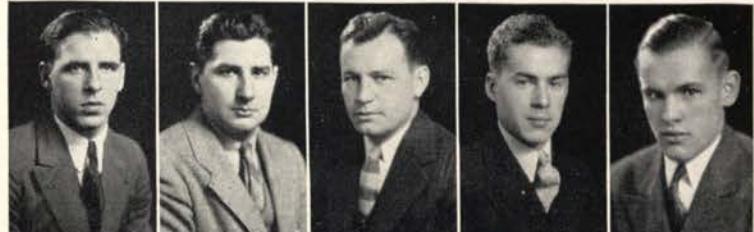
### CHAPTER ROLL

Bentley, H. R.	Pledges
Kaley, R. R.	Brown, R. G.
Shores, A. K.	Horky, W. F.
Tyrrell, M. E.	Andrews, J. A.
Bommer, T. J.	Bentley, C. W.
Heslet, C. G.	Burke, B. T.
Berger, H. C.	Fiss, H. J.
Beckman, R.	Kirwan, A. J.
Johnson, S. E.	Kurtz, S. A.
Blish, L. K.	Mackey, K. H.
Bowman, D. C.	Palmer, C. C.
Peukert, N. L.	Aves, W. L.
	Cullom, J. T.

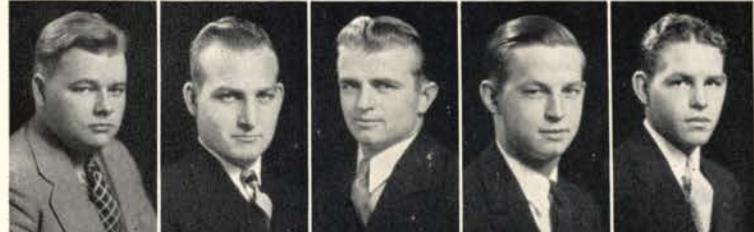


# THE 1937 ROLLAMO

Kirwan  
Clarkson  
Kaley  
Fort  
Shores



Bowman  
Cullom  
Brown  
Bentley, H. R.  
Hart



Bommer  
Fennwich  
Berger  
Andrews  
Fiss



Burke  
Bentley, C. W.  
Tyrell  
Kurtz  
Mackey



Blish  
Penkert  
Heslet  
Aves  
Johnson



## Lamda Chi Alpha

Lambda Chi Alpha was founded at the University of Boston at Boston, Massachusetts on November 2, 1909. The fraternity was formed by the Cosmopolitan Law Club, which was organized in 1905.

Alpha Delta Zeta of Lambda Chi was organized by a group of Miners who were together as the Muckers Club in September, 1913. After four years of existence as a local club, the Muckers Club was initiated into the National Fraternity of Lambda Chi Alpha.

The spirit that encouraged the Muckers to become members of Lambda Chi Alpha has continued through the years and is now a tradition of the chapter.

Lambda Chi Alpha, with its thirteen members and ten pledges bid well to continue among the foremost of the fraternities on the campus of the Missouri School of Mines and Metallurgy.

# ENGINEERING DEVELOPMENT



FOUNDED

Virginia Military Institute  
January 1, 1869

GAMMA XI CHAPTER  
Founded 1903

## Sigma Nu

### OFFICERS

President.....	W. G. FOLSOM
Vice-President.....	O. E. GREWIS
Secretary.....	J. G. MILLER
Treasurer.....	E. W. SIMPSON

### CHAPTER ROLL

Folsom, W. G.	Simpson, E. W.
Grewis, O. E.	Folsom, D.
Blis, A. D.	Alexander, D. B.
Howerton, J. W.	Dallmeyer, R. D.
McCurdy, B. H.	Hoener, F. H.
Miller, J. G.	Kidd, H. S.
Loveridge, F. J.	

### PLEDGES

Ellis, P. B.	Baumstark, W. A.
Evans, J. D. F.	Crumpler, H. A.
Flanary, M. J.	Dryden, E. K.
McCrae, F. T.	Emery, J. A.
Wilhite, K. T.	Frost, F. W.
Hatten, H. S.	Brent, W.
Hoffman, R. E.	Imhoff, H. L.
Katz, H. M.	Larsh, J. A.
Lyon, L. S.	Packard, M. O.
Smith, R. H.	Roux, J. R.
Ward, C. C.	Weisert, W. A.

THE 1937 ROLLAMO

Kidd  
 Hoffman  
 Ellis  
 Larsch  
 Evans  
 Weisert



M: Curdy  
 Wilhite  
 Imhoff  
 Packard  
 Grewis  
 Emery

Frost  
 Roux  
 Dryden  
 Simpson  
 Bliss  
 Baumstark

Hatten  
 Miller  
 Lyon  
 Howerton  
 Folson, D.  
 Dallmeyer

Smith  
 Loveridge  
 Brent  
 Flanary  
 Waddington  
 McCrae  
 Ward

## Sigma Nu

Sigma Nu was founded at Virginia Military Institute by Frank Hopkins, Greenfield Quarles, and James Riley. Although the fraternity actually existed as early as 1866, it was not organized until January 1, 1869. Chapters elsewhere were organized, and by 1903, there were sixty-two active chapters.

Gamma Xi chapter, at Missouri School of Mines, was installed January 23, 1903. This chapter was organized by Ray Rucker, a member of the Rho chapter at University of Missouri, and John T. Rice, a member of Gamma Eta chapter at Colorado School of Mines. The installation was held at the Masonic Temple, where ten men, besides the founders, were initiated.

During the thirty-three years' existence at the Missouri School of Mines, Gamma Xi of Sigma Nu has initiated two-hundred and seventy members.

# ENGINEERING DEVELOPMENT



FOUNDED

University of Virginia  
1860

BETA CHI CHAPTER

Founded December 19, 1903

## Kappa Sigma

### OFFICERS

President	G. W. SHAUMBURG
Vice-President	R. P. ALGER
Secretary	C. VON WEHRDEN
Treasurer	J. W. FRAME

Frame, J. W.  
Alger, R. P.  
Jones, R. V.  
Kopp, W. A.  
Schaumburg, G. W.  
Woodward, J. B.  
Ruemmler, W. P.  
Von Wehrden, C.  
Allgeyer, J. L.  
Crecelius, H. F.  
Brannock, William

Eldridge, R. W.  
Fleschner, R. A.  
Bush, J. M.  
Cowan, C. L.  
Heinicke, H. C.  
Heinicke, W. O.  
Munson, E. B.  
O'Rourke, E. C.  
Unger, V. E.  
Weber, Arthur  
Adams, Wash., Jr.



# THE 1937 ROLLAGMO

Crecelius  
Finley  
Lewin  
Kopp



Fleschner  
Adams  
O'Rourke  
Unger



Allgeyer  
Sullivan  
Ruemmler  
Shaumberg



Frame  
Jones  
Alger  
Heinicke, H. C.



Heinicke, W. O.  
Weber  
Munson



## Kappa Sigma

The M. S. M. chapter of the national social fraternity, Kappa Sigma, was the second fraternity to be established on the campus. Ten members were initiated and the chapter was formally installed by representatives of four other chapters on December 19, 1903. In 1927 the fraternity bought the house which it now occupies. The fraternity is well represented on teams and other campus activities.

The national fraternity of Kappa Sigma was founded at the University of Virginia in 1860 by five very close friends who, although not excluded from the several fraternities then existent at the University of Virginia, decided to establish a new fraternity themselves. The fraternity grew until it now numbers one hundred and eight chapters of which Beta Chi is not the least.

# ENGINEERING DEVELOPMENT



FOUNDED

Pennsylvania State College

September, 1919

MU CHAPTER

Instaled

November 29, 1935

## Mu of Theta Kappa Phi

### OFFICERS

President.....	J. W. McLAUGHLIN
Vice-President.....	R. J. CARDETTI
Secretary.....	A. P. HAUSMANN
Treasurer.....	R. C. SCHMIDT

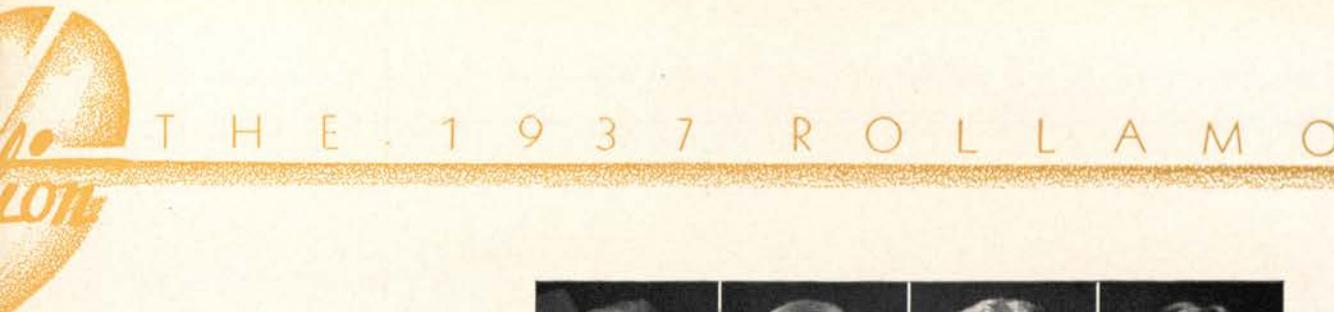
### MEMBERS

McLaughlin, John W.  
Cardetti, Richard J.  
Vahle, J. Fred  
Hausmann, Arthur P.  
Schmidt, Raymond C.  
Green, Michael E.  
Scheer, Walter C.

Mattei, Peter  
Arnold, Ralph J.  
Schifter, Erich S.  
Picco, Vincent P.  
Elliott, Harry F.  
Schaller, Gus B.  
Herzig, Al R.

### PLEDGES

O'Connell, Robert E.  
Koziattek, Walter S.  
White, Warren D.



Vahle  
Picco  
Elliott  
Green



## Theta Kappa Phi

The Mu Chapter of Theta Kappa Phi was brought to the M. S. M. campus on November 29, 1935 when the Order of Cardinal Mercier, a local organization for Catholic students, was granted its charter, thus giving to the Missouri School of Mines the only active chapter of a national Catholic fraternity within the State of Missouri.

The local chapter was begun when seven men banded themselves together as the Order of Cardinal Mercier in September, 1925. That fall they obtained eleven pledges; the first pledges were initiated in January, 1926.

Theta Kappa Phi as a national fraternity had its beginning in March 22, 1922 when the Theta Kappa Phi Fraternity at Lehigh University took over the Kappa Theta Fraternity at Pennsylvania State College. The fraternity had its actual beginning in September, 1919 when the now Alpha Chapter was founded.

# ENGINEERING DEVELOPMENT



FOUNDED

Oglethorpe University

PHI CHAPTER

Installed

March, 1935

## Alpha Lamda Tau

### OFFICERS

President	W. T. MOORE
Vice-President	J. J. SHEPPARD
Treasurer	R. L. SCARBOROUGH
Secretary	F. A. WONN
Warden	H. R. ROGERS
Chaplain	E. V. PORTER
Sergeant-at-Arms	C. L. BAUMANN

### MEMBERS

Cherry, R. P.  
Hackmann, G. A.  
McClanahan, A. L.  
Moore, W. T.  
Ottinger, N. H.  
Porter, E. V.  
Maloney, W. G.  
Sheppard, J. J.  
Glaser, A. M.  
Rogers, H. R.

Scarborough, R.  
Wonn, F. A.  
Baumann, C. L.  
Stewart, R. M.  
Curnutt, C. R.  
Millard, F. S.  
Politte, F.  
Harris  
Pipkin

Cherry  
McClanahan  
Moore  
Ottinger



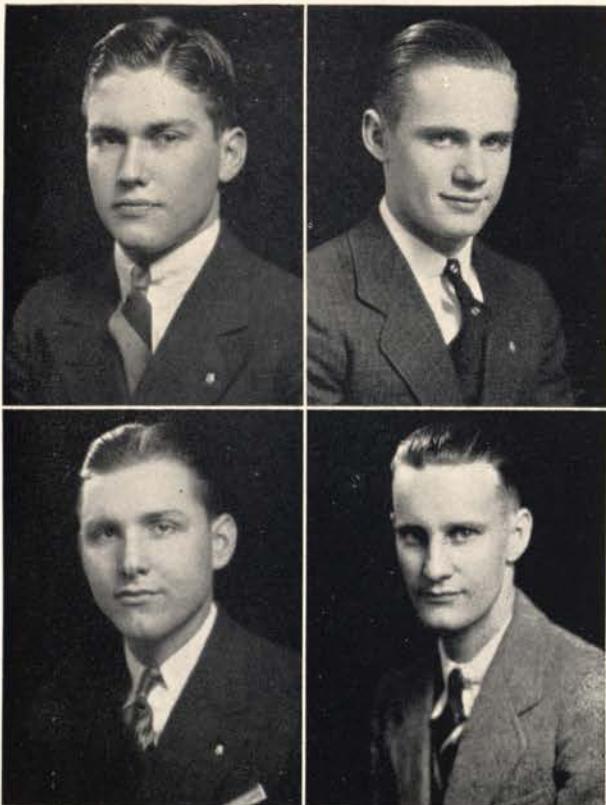
## Alpha Lambda Tau

A group of men at Oglethorpe University organized, for their mutual benefit, the first fraternal organization on that campus. The organization was local and was known as the Alpha Lambda Club. The Alpha Lambda Club was incorporated under the laws of the state of Georgia and is now known as Alpha Lambda Tau Fraternity. The fraternity did not prosper north of the Mason Dixon Line because of an unwritten law that forbade chapters on any university campus north of the Mason Dixon Line. At the convention of the fraternity in 1927, this law was contested and as a result, the first chapter of Alpha Lambda Tau in the North was chartered at the University of Illinois.

Phi Chapter of Alpha Lambda Tau was initiated on this campus in March, 1935, but did not become active on the campus until September of that year. At the present time the fraternity has three alumni chapters and twenty active chapters.

Alpha Lambda Fraternity has two publications—a monthly magazine, the "Alt" and a quarterly magazine, the "Rose Leaf."

# ENGINEERING DEVELOPMENT



Clayton  
Walley

Ballman  
Humphreys

## FOUNDED

Washington and Lee

## BETA ALPHA CHAPTER

Installed April 27, 1903

## Kappa Alpha

Kappa Alpha was founded at Washington College, now Washington and Lee University, December 21, 1865.

Beta Alpha Chapter was installed at the Missouri School of Mines and Metallurgy, April 27, 1903, and although the Chapter has been inactive on this campus during the past few years, it has resumed activities and desires to reinstate Kappa Alpha among the leading campus organizations.

### OFFICERS

President.....	C. L. CLAYTON
Vice-President.....	O. C. WALLEY

### ACTIVE MEMBERS

Walley, O. C.  
Clayton, C. L.

PLEDGES  
Ballman, E. A.  
Gentry, J. R.

### INACTIVE MEMBERS

Scafe, R. S.  
Stedelin, K. W.

Porter



Grewis

Lange

Kaley

McLaughlin

Frame

## Interfraternity Council

The social fraternities on this campus realized the need of a strong governing body and they organized the Interfraternity Council. The organization grew until it reached the position that it now holds on the campus today. Each social fraternity is represented by one Senior Member and one Junior Member of the Council—both being elected by their respective fraternities. These representatives, on all matters coming before the council, presents the feelings of his fraternity and each fraternity abides by the ruling of the council.

The Interfraternity Council aims to promote better feeling and cooperation among the fraternities on the campus and to act on all vital fraternity problems. One of the most brilliant social affairs on this campus is the annual Interfraternity Ball given by the Interfraternity Council. It is by means of the Interfraternity Council that the social fraternities on the Missouri School of Mines campus are able to cooperate for the wellbeing of all concerned.

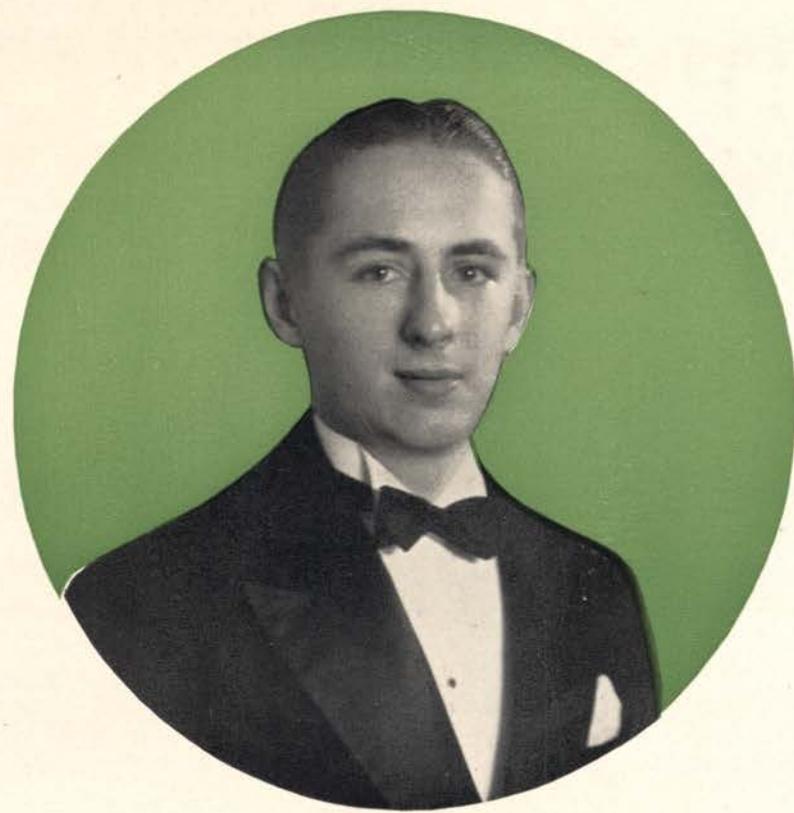
ENGINEERING DEVELOPMENT



# ST. PATS



MISS JEAN CAMPBELL  
*Retiring Queen*



R. C. TITTEL

ST. PATRICK

# THE QUEEN



MISS MILDRED BROWN

48427

MISS AGNES HOLMES  
*Kappa Sigma*



MISS ELIZABETH PRICE  
*Sigma Pi*



MISS ROSEMARY GUY  
*Sigma Nu*



MISS GRACE MAY STRICKER  
*Alpha Lambda Tau*



MISS MARGARET NEEL  
*Theta Kappa Phi*





Miss RUTH FANNING  
*Triangle*



Miss MAHALA KURTZ  
*Pi Kappa Alpha*



Mrs. MILES TYRRELL  
*Lambda Chi Alpha*



Miss JANET WOODWARD  
*Independent*



## ST. PATS OF 1937

The twenty-ninth annual St. Pat's celebration has come and gone, but 'tis sure its ending leaves naught but a warm spot in the hearts of all students, damsels, and guests—who convened from all points within the state, and many from points without, to aid in doing homage to the Patron Saint of Engineers, St. Patrick. The Miners had control of the elements this year. Beautiful spring weather favored their cause as many a strolling couple traversed the walks of M. S. M. in inspection tours of the campus between events of the social program.

The festivities were officially opened by the Independents, whose dance in the transformed Jackling Gym from 8 till 12 was fatured by the music of Chan Chandler. Triangle, Kappa Sigma, and Sigma Pi carried the torch from there to the Pennant Tavern. Here the merry Miners and their lady friends extended their evening of delight until the wee hours of the morning. Earl La Boube furnished the rhythm from 12 until 2, at which time Chan Chandler, sponsored by Pi Kappa Alpha, Theta Kappa Pi, Alpha Lambda Tau, and Lambda Chi Alpha, again took up the baton.

Friday afternoon at 2 p. m. into Rolla came the venerable Saint himself riding on a handcar. Accompanied by pages Karter and Stojeba and guards Mussel and Curivan, St. Pat slipped into the Miners' morsel of modern machinery, Luman Long's chariot, and was away to Parker Hall followed by a noisy assemblage of cars. Here, in the auditorium, the annual address and knighting ceremonies took place.

Friday eve was frolicing time as one and all burst asunder bonds of scholastic restraint to dance, laugh, and otherwise have one good time at the Masque Ball. Dick Jurgen's outdoing even his most flattering advance notices, was the perfect host. Time and again he satisfied the admiring Miners and their dates, playing all the numbers that were requested.

Promptly at twelve the floor was cleared and the coronation of the queen, Miss Mildred Brown, occurred. Amidst a solemn hush St. Pat, R. Tittel, transferred the crown from off the old queen, Miss Jean Campbell, to the brow of his new sovereign lady. Then, after some pictures were snapped, St. Pat escorted his new queen from the throne. The dancing resumed again then and continued until far in the morn.

Saturday afternoon from 2:30 till 5:00 the Sigma Nu Chapter Heuse was the scene of a tea dance. Chan Chandler once again furnished the music for the happy couples.



THE CORONATION

Came Saturday night and with it came the Formal Ball. Anything that followed the Masque Ball can be considered only anti-climax, but spirits were still on high (How could they have been otherwise with Dick Jurgens at the control?) and remained thus until the last strains of music were drifting through Jackling Gym and the Miners knew that St. Pat's was over.

So ends St. Pat's. We shall not deign to compare this year's affair with that of the preceding years. It is not necessary. If all the succeeding St. Pat's live up to the standard set by this one, we shall all be more than satisfied.

ST. PAT'S PRESENTED THE MAIDS OF HONOR

Miss Agnes Holmes	Kappa Sigma
Miss Elizabeth Price	Sigma Pi
Miss Margaret Neel	Theta Kappa Phi
Miss Mahala Kurtz	Phi Kappa Alpha
Mrs. Miles Tyrrell	Lambda Chi Alpha
Miss Grace May Sticker	Alpha Lambda Tau
Miss Rosemary Guy	Sigma Nu
Miss Ruth Fanning	Triangle
Miss Janet Woodward	Independent



Left to Right: Top Row: Elliott, McLaughlin, Tittel, Price, Bommer, Moore, Holz, Rogers.  
Second Row: Sheppard, Turner, Silver, Grewis, Miller, Ruemmler, Schaumberg, Nickel.

## THE ST. PATS BOARD

The St. Pat's Board was established on the Missouri School of Mines campus in 1930 to govern the arrangements for the biggest social event on the M. S. M. calendar. The Board is composed of eighteen men, two from each fraternity and two from the Independents, thus providing for a ruling body representative of every social organization on the campus. They, as the board, have charge of all matters pertaining to the annual event known as St. Pat's. During the past seven years, this organization has accredited itself as one of the most efficient and well managed organizations on the campus.

### OFFICERS

President	D. C. REESE
Vice-President	J. W. McLAUGHLIN
Secretary	P. E. SILVER
Treasurer	S. R. PRICE, JR.

### BOARD OF TRUSTEES

Prof. R. Z. Williams	D. C. Reese
Prof. H. R. Hanley	J. W. McLaughlin
	J. F. Carroll

### MEMBERS

Price, S. R.	Turner, B. V.
Reese, R. C.	Nickel, M. E.
Schaumberg, G. W.	Tittel, R. C.
Silver, P. E.	More, J. C.
McLaughlin, J. W.	Beckman, R. A.
Holz, W.	Elliott, H. F.
Sheppard, J. J.	Miller, J. G.
Bommer, T. J.	Rogers, H. R.
Grewis, O. E.	Ruemmler, W. P.

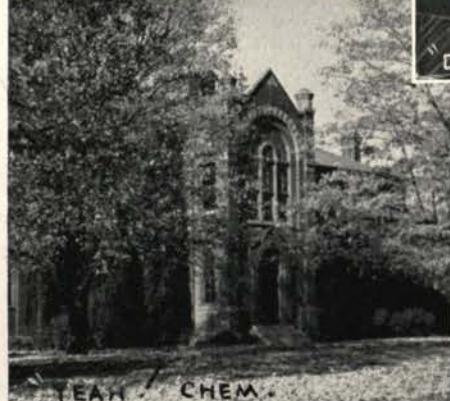


THE 1937 RULLAMO

Snaps  
---  
Humor  
---  
Advertising

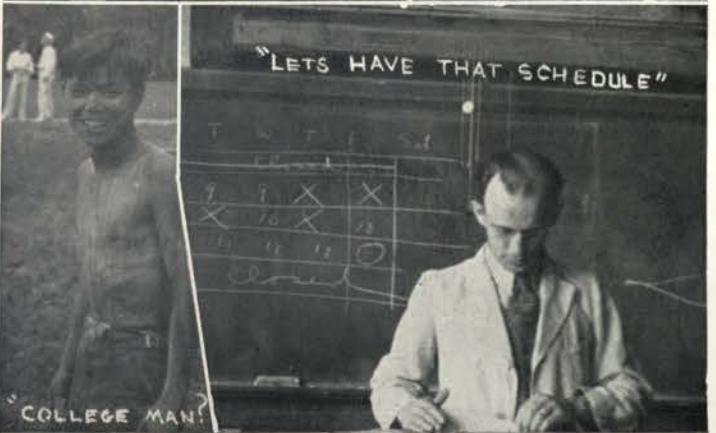


# ENGINEERING DEVELOPMENT





THE 1937 ROLLA MO



# ENGINEERING DEVELOPMENT



## TO THE STUDENT BODY

The Rollamo is your book. It is the annual of the Missouri School of Mines and Metallurgy, and as such reflects the merits of the school. A good book boosts your school.

The Rollamo is published by your fellow students, aided by the advertisers in this book. Thus to patronize the advertisers in The Rollamo is to back your own school. Reciprocate and

**PATRONIZE OUR ADVERTISERS**

# ENGINEERING DEVELOPMENT



## Low Spots of the Year

Bud Folsom returns to school—goes into seclusion.  
Pledging begins, K. S. gets first crack at Freshies.  
Registration begins—Fulton hurt in the rush.  
Sophs pass out tobacco—Freshies pass out.  
Miners start going to classes now and then.

### **LUFKIN** TAPES--RULES--TOOLS

#### For Every Measuring Requirement

All standard patterns including those designed especially for Engineering and Surveying, Mine and Construction work.

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CAESAR BERUTT

Manager

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*The Ozarks' Finest and Newest Hotel*

**75 ROOMS**

Single \$2.00 . . . \$2.50  
Double \$3.00 . . . \$3.50

**75 BATHS**

POPULAR PRICED COFFEE SHOP



THE 1937 ROLLA MO

1937

## ROLLA STATE BANK

ROLLA, MISSOURI



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STRONG ENOUGH TO PROTECT YOU

SMALL ENOUGH TO KNOW YOU

### LOCK BOXES FOR RENT

FEDERAL INSURANCE OF DEPOSITS

Under the Banking Act of 1933

Your Banking Business Solicited and Every Courtesy Consistent  
With Safe and Sound Banking Will Be Extended.

# ENGINEERING DEVELOPMENT

Pledge dances begin—Miners like America after all.  
Coach Grant wishes all good tackles were made on football field instead of on  
the dance floor.  
Flytrap Lange goes into lumber business.  
Alumni comes back to roost and roast—mostly roast.  
Metallurgists take Sr. trip—Frame shows the boys the many colored lights of  
Cleveland.  
Mid-Semester exams come up—Most of boys go down.  
Rolla is deserted for home, turkey, and the one and only—only what?  
Tau Beta Pi initiation and banquet for the consecrated ones.  
Fraternities begin X'mas formals—dry, wet, or just formals.

## JOHN W. SCOTT

DRUGGIST and BOOKSELLER

50 Years in Business at 8th & Pine

## STANDARD STORES

SHOES

HOSIERY AND

SHIRTS

UNDERWEAR

FOR MEN

## ROLLA CREAMERY AND ICE CO.

ROLLA, MISSOURI

Manufacturers of "PRIDE OF ROLLA"  
BUTTER, ICE CREAM and ARTIFICIAL ICE

THE 1937 ROLLA MO

*The*  
**PORTRAITS**  
*and VIEWS*

IN THIS BOOK WERE MADE

*By*

**MACEWAN**  
*photographer*

CENTRAL BANK BUILDING

SEVENTH AND OLIVE STREETS

ST. LOUIS, MO.

# ENGINEERING DEVELOPMENT



Santa Claus visits town—boys continue vacation.  
Miners come back with headaches—run into another—Semester exams.  
Everything calm. Something must be going to happen. It did, Bud Folsom  
graduates.

Col. Settle comes back for the second semester—Stubs toe at Monte Carlo dance.  
War Dance coming up—Wally Holz goes politicizing.  
R. O. T. C. throws War Dance—Major Price struts his stuff.  
Wommack comes out minus a sword.  
Miners go into training for St. Pat's at Raffle Dance—Lambda Chi's hit jack pot.  
St. Pat's Queen elected—no opposition, eh Bob.  
St. Pat arrives—Reese worries about probation 1 A.

## ASHER and BELL

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GROCERIES

AND MEATS

TELEPHONE 17

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Sporting Goods

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PHOTO FINISHING  
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Us for . . . PLACARDS, TICKETS

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FRANK KAUFMAN

PHONE 33

JOS. F. AYERS

THE 1937 ROLLA MO



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88 T.P.E.D.

# ENGINEERING DEVELOPMENT



Dick Jurgens walks into floating door knob.

Matrimonial bureau gets under way.

Much to the disappointment of the Postal Department, the office discontinues Special Deliveries.

Faculty disappointed—No special editions published for their benefit.

Miner board elects officers without aid of Board of Control.

Junior and Senior Metallurgists go on inspection trip to St. Louis—Lindenwood also receives inspection.

## LIGHT--WATER--POWER

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ROLLA, MISSOURI



THE 1937 ROLLAMO

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### School of Mines and Metallurgy

ROLLA, MISSOURI



Miners go on inspection trip to Louisiana—Sheppard respects beer bottle and remembers to duck.

Pete Silver gets ready to move to Jim Town to continue his education.

C. E.'s go into training for Sr. trip at Smith's Beer Parlor.

Rollamo goes to press.

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## LOCOMOTIVES

A young lady recently visited the locomotive works and then later told some friends how a locomotive is made.

"You pour a lot of sand into a lot of boxes," she explained, "and you throw old stove lids and things into a furnace, and then you empty the molten stream into a hole in the sand, and everyone yells and swears. Then you pour it out and let it cool and pound it, and then you put it on a thing that bores holes in it. Then you screw it together, and paint it, and put steam in it, and then take it to the drafting room and make a blue print of it. But I forgot one thing. They have to make a boiler. One man gets inside and one man remains outside, and they pound frightfully; and they tie it to the other thing, and you ought to see it go."

—*Armour Cycle.*

## ROLLA DAIRY

PASTEURIZED PRODUCTS

2 . . . DAILY DELIVERIES . . . 2

PHONE 26

HARRY DUNIVIN

## FALKNER'S DRUG STORE

THE REXALL STORE

EVERYTHING IN DRUGS

ROLLA, MISSOURI

Dear Sir:

May 20, 1937.

I have been informed that you are an authority on matters pertaining to radio reception, and I would like to ask your advice on several matters which have puzzled me for some time.

I have a 5 KW, double-barreled, 9-passenger, triple valve, non-skid Testinghouse outfit, complete with U. S. Safety appliances and Timkin rear axle, which I use in connection with 220 volt, hammerless, self-winding, automatic, balloon tires. I have a great deal of trouble with galena since taking Lydia Pinkam's compound, but get better results by painting it with iodine. I can get good volume with my guaranteed, cone clutch, self-filling, over-head valve, regenerative vacuum cleaner, but on Sundays

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ROLLA, MISSOURI

COMPLIMENTS OF

## *The UNITED TELEPHONE CO.*

ROLLA, MISSOURI

# ENGINEERING DEVELOPMENT

I find that my detector keeps interfering with the differential making it necessary to shunt a small .00025 M. F. washboard between the piano and the kitchen sink.

On taking the matter up with Mr. Marconi he advises me to use safety pins instead of the intermittent shock-absorbers and on clear days my capacity will be increased 8.452 per cent Fahrenheit, but Einstein thinks my universal joint is loose and I ought to use a little more yeast and a copper boiler. This, of course, is a matter of taste and I am sure you will agree with me that the high-frequency, weather-proof, 5 string, hardwood, resistance coupled, super-heated piston rings will work just as well if I use plenty of sand on the hills and some English on the cue ball.

I get S. O. L. and P. D. Q. practically every night by tuning to C sharp and I'm sure I can pull in A. W. O. L. and perhaps C. O. D. by cutting in an interlocking, 10 ampere, barbed wire, non-polarized, second harmonic, psychromatic, muffler between the honey comb coil and the Washington Monument.

Do you think I would get better results by connecting a high voltage circuit breaker in series with the adding machine and the disconnected amplifying conduit from the magneto? Neither do I, but it is practically impossible to get good spread rods, so unless I do something to reduce the static and increase the potential of the motometer, the fluctuations of the vario-meter will tend to synchronize with the alterations of the intermediate stages of the double screw kick-back preventer and burn out the windings in the eccentric bushings.

Any suggestions you may have will be appreciated by me if you will enclose a stamp to pay for the one I am using. Yours very truly,

A. JUICER.

—*Armour Cycle.*

COMPLIMENTS OF

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TELEPHONE 77

ROLLA, MISSOURI

WHAT GOES ON WHEN THE PLAYERS HUDDLE

"Now listen, you eggs, on the next play . . . hey, Nick, did I say you could borrow my other jersey? . . . blue eyes the size of soup tureens and she's got three cars . . . like hell, I'll carry the ball . . . I carried it play before last . . . shut up, you guys, will you . . . so the two Irishmen came to a lonely farm house . . . tell 'em the one about the school teacher . . . the left end runs back, see . . . yeah, and the last time I got you a girl, what did you do? . . . kicked me in the ankle, the big slob . . . listen, why don't we pull that fake shift? . . . that reminds me, this guy comes in a store and says have you got any . . . not that play, Stooge, f'gossakes that's a . . . Sweet A-do-line . . . that's sour . . . swee . . . ah, you couldn't carry the ball if it had a handle on it . . . here's a good one, Joe gives it to Nick and Nick gives it to Stooge and Stooge . . . what's the matter with it I just thought it up . . . well, I'm only one man in eleven, but if you ask me . . . oh, baby, can she neck? . . . Tackle low, it's the only way . . . naw, the last time we tried that, I strained my back . . . yeah, and I'm getting pretty tired of holding back your man as well . . . Vah-len-cia, tum-te-tum . . . oh, for a shot of gin . . . forward pass, don't make me laugh . . . send me a wire if you decide anything . . . who's the broad with the big bunch of violets? . . . he certainly does, three hundred a game, told me so himself . . . for the third and last time, Nick will you carry the ball? . . . Ah, hell, let's kick!"

(The fullback goes around right end for two yards.)

*—Life.*

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Printers of "The Tatler"  
since 1923. Other annuals  
printed this year "Ozarko",  
and "Rollamo".

Liberty, Missouri

## Acknowledgments

We, the 1937 Rollamo Board, extend our most sincere thanks and appreciation to Mr. Owen Marsh and Mr. Bruce Cowan of the Pontiac Engraving Company, Mr. Harvey J. Ray of the William Jewell Press, and to Mr. C. G. Swatek of the Kingsport Press for the valuable suggestions and willing cooperation they have given us in publishing this book.

ENGINEERING DEVELOPMENT

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## Autographs







